

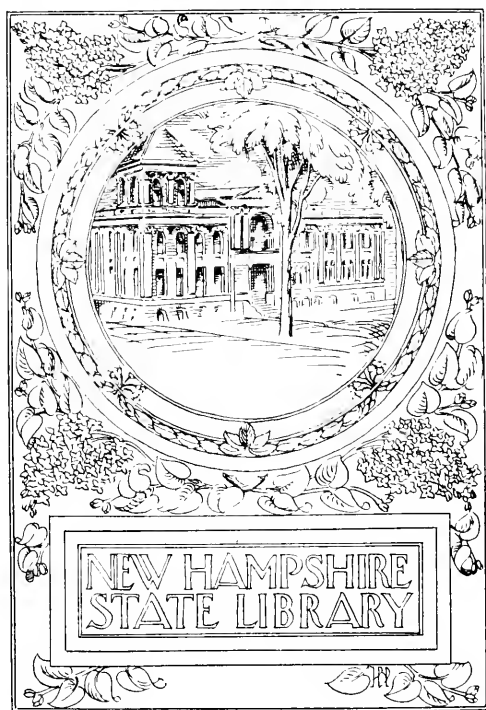
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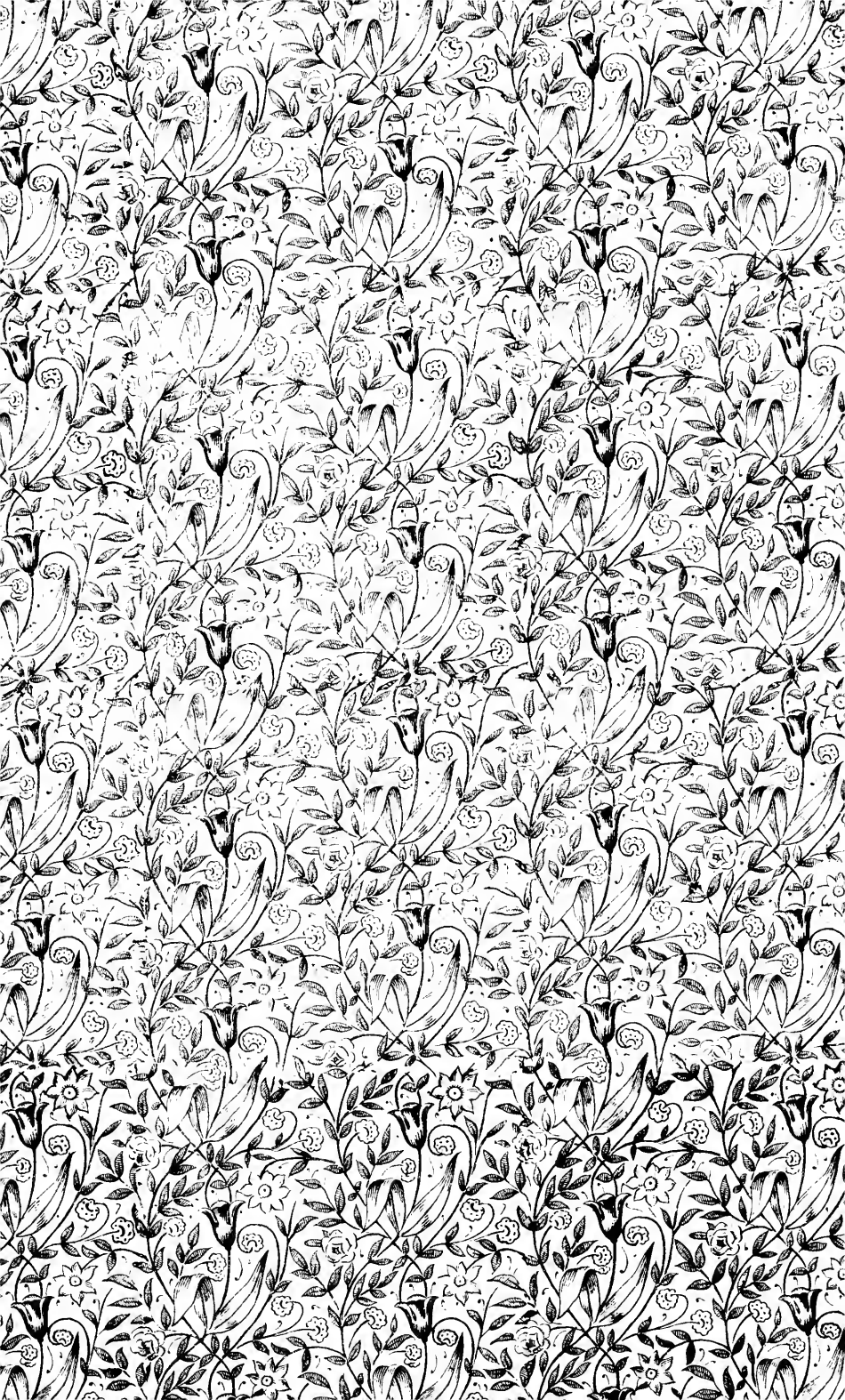
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1886

City of Concord.







1886

THE THIRTY-FOURTH
ANNUAL REPORT
OF THE
Receipts and Expenditures
OF THE
CITY OF CONCORD,

FOR THE YEAR ENDING

DECEMBER 31, 1886:

TOGETHER WITH OTHER ANNUAL REPORTS AND PAPERS RELATING
TO THE AFFAIRS OF THE CITY.



Concord, N. H.

PRINTED BY THE REPUBLICAN PRESS ASSOCIATION.

1886.

MUNICIPAL REGULATIONS

FOR PAYMENT OF BILLS AGAINST THE CITY.

All persons furnishing materials or service for the city, or aid to the city poor, should be particular to take the name of the person ordering such service, material, or aid, and should *know* that the person is duly authorized to contract said liability.

The city will not be holden for merchandise sold or delivered on city pauper account, except on the written order of the Overseer of the Poor.

Duplicate copies will be required of all bills payable by the city, furnished on *county* pauper account.

All bills against the city must be approved by the person authorizing the charge; and unless this is done, no action can be had upon the bill by the Committee on Accounts, and no order will be given for its payment.

When bills are certified to as above, and left with the city clerk before 12 o'clock of the day of meeting of the Committee on Accounts, they will be audited by them, and, if approved, be ready for payment on the Wednesday following.

Meetings of the Committee are held on the Thursday next preceding the last Saturday in each month, at 2 o'clock P. M.

JOSEPH A. COCHRAN, *City Clerk.*

STATE HALL
YRABELL

CITY GOVERNMENT, CONCORD, N. H.

Inaugurated fourth Tuesday in January, biennially.

1886.

EXECUTIVE DEPARTMENT.

MAYOR.

Elected by inhabitants biennially in November.

Salary, \$500 per annum.

EDGAR H. WOODMAN.

Office: 60 North Main St.

ALDERMEN.

Elected by inhabitants of each ward biennially in November. No salary as such, but allowed \$60 each for committee service.

Ward 1—HENRY F. BROWN.

Ward 2—CHARLES H. SANBORN.

Ward 3—CHANDLER EASTMAN.

Ward 4—JOHN C. THORN.

RICHARD M. ORDWAY.

FRANK L. SANDERS.

Ward 5—ALBERT B. WOODWORTH.

IRVIN S. RING.

Ward 6—GARDNER B. EMMONS.

JOSEPH H. LANE.

LELAND A. SMITH.

Ward 7—DANIEL B. SMITH.

CITY CLERK.

Elected biennially in January by City Council. Salary, \$800 per annum and fees.

JOSEPH A. COCHRAN.

Office: City Hall building.

COMMON COUNCIL.

Elected by inhabitants of each ward biennially in November. No salary as such, but allowed \$30 each for committee service.

PRESIDENT—HORACE S. FAIRBANKS.

Ward 1—DAVID F. DUDLEY.

Ward 2—SAMUEL L. FRENCH.

Ward 3—GILMAN H. DIMOND.

Ward 4—JAMES F. ROONEY.

WILLIAM H. KENNEY.

JAMES K. KENNEDY.

Ward 5—FREEBORN S. ABBOTT.

WARREN H. CORNING.

Ward 6—HORACE S. FAIRBANKS.

HIRAM O. MARSH.

FRANK J. BATCHELDER.

Ward 7—GEORGE H. MILLS.

CLERK OF COMMON COUNCIL.

Elected by Common Council biennially in January. Salary, \$50 per annum.

LEWIS L. MOWER.

Office: 87 South State St.

JOINT STANDING COMMITTEES OF THE CITY COUNCIL.

Aldermen appointed by Mayor, and Councilmen appointed by President of Common Council, biennially, in January.

On Finance—The Mayor; Aldermen Thorn and L. A. Smith;
Councilmen Mills and Rooney.

On Accounts and Claims—Aldermen Emmons and Ring; Councilmen Batchelder and Abbott.

On Lands and Buildings—Aldermen Eastman and Emmons;
Councilmen Corning and Kenney.

- On Public Instruction*—Aldermen Woodworth and Sanders ;
Councilmen French and Dimond.
- On Parks and Commons*—Aldermen Sanders and Woodworth ;
Councilmen Marsh and Kennedy.
- On Roads and Bridges*—Aldermen D. B. Smith and Sanborn ;
Councilmen Abbott and Dudley.
- On Fire Department*—Aldermen Lane and Brown ; Councilmen
Rooney and Batchelder.
- On Lighting Streets*—Aldermen Ordway and Lane ; Councilmen
Kennedy and Batchelder.
- On Cemeteries*—Aldermen Ring and Eastman ; Councilmen
Kenney and Corning.

STANDING COMMITTEES IN BOARD OF MAYOR AND ALDERMEN.

Appointed by Mayor biennially in January.

- On Elections and Returns*—Alderman Brown.
- On Engrossed Ordinances*—Alderman D. B. Smith.
- On Police and Licenses*—Alderman Ordway.

ON SEWERS AND DRAINS.

Elected biennially in January by Board of Aldermen.

The Mayor, Aldermen Ordway and L. A. Smith.

STANDING COMMITTEES IN COMMON COUNCIL.

Appointed by President of Common Council biennially in January.

- On Elections and Returns*—Councilmen French and Abbott.
- On Bills on Second Reading*—Councilmen Dudley and Mills.
- On Engrossed Ordinances*—Councilmen Dimond and Marsh.

CITY OFFICERS ELECT

FOR 1887-88.

Elected by voters in November, 1886.

MAYOR.

JOHN E. ROBERTSON.

ALDERMEN.*Ward 1*—JOHN H. ROLFE.*Ward 2*—JOHN E. FRYE.*Ward 3*—GEORGE H. SPEED.*Ward 4*—RICHARD M. ORDWAY.

WILLIAM E. HOOD.

JOHN C. ORDWAY.

Ward 5—ALBERT B. WOODWORTH.

IRVIN S. RING.

Ward 6—LELAND A. SMITH.

GEORGE O. DICKERMAN.

DAVID J. ABBOT.

Ward 7—HENRY D. CELLEY.

COMMON COUNCILMEN.*Ward 1*—JOHN McNEIL.*Ward 2*—SAMUEL M. LOCKE.*Ward 3*—JAMES W. WELSH.*Ward 4*—JAMES K. KENNEDY.

CHARLES S. PARKER.

JOHN REARDON.

Ward 5—WARREN H. CORNING.

WILLIAM J. FERNALD.

Ward 6—FRANK J. BATCHELDER.

CHARLES C. PERKINS.

JOSIAH E. DWIGHT.

Ward 7—FRANCIS H. UPTON.

CITY TREASURER.

Elected biennially in January by City Council. Bond to the acceptance of Board of Mayor and Aldermen. Salary, \$250 per annum.

WILLIAM F. THAYER.

Office: First National Bank.

CITY MESSENGER.

Elected biennially in January by City Council. Salary, 25 cents per hour of actual service.

RICHARD P. SANBORN.

COLLECTOR OF TAXES.

Elected annually in January by Board of Mayor and Aldermen. Bond within six days to satisfaction of the Board. Salary, five mills for each dollar of first \$60,000; seven and one half mills for each dollar over \$60,000.

THOMAS M. LANG, 2D.

Office: 53 North Main St.

PUBLIC SCHOOLS.**BOARD OF EDUCATION.**

UNION SCHOOL-DISTRICT.

Three elected annually in March by inhabitants of Union School-District. Salary, \$225 per annum for the Board.

JOSEPH C. A. HILL,	Term expires	March,	1887.
DANIEL B. DONOVAN,	"	"	1887.
CHARLES R. CORNING,	"	"	1887.
JOHN C. THORN,	"	"	1888.
PARSONS B. COGSWELL,	"	"	1888.
HENRY J. CRIPPEN,	"	"	1888.
WILLIAM M. CHASE,	"	"	1889.
WARREN CLARK,	"	"	1889.
JAMES L. MASON,	"	"	1888.

SUPERINTENDENT OF SCHOOLS.

UNION SCHOOL-DISTRICT.

Appointed by Board of Education annually in July. Salary, \$1,300 per annum.

LOUIS J. RUNDLETT.

Office: Sanborn's Block, Capital St.

SUPERINTENDING SCHOOL COMMITTEES.**WEST CONCORD—District No. 3.**

One member elected annually in March by inhabitants of district. Salary, \$18 per annum for the Board.

GEORGE R. PARMENTER,	Term expires March, 1887.
SIMEON PARTRIDGE,	“ “ 1888.
C. F. ROPER,	“ “ 1889.

EAST CONCORD—District No. 12.

One member elected annually in March by inhabitants of district. Salary, \$18 per annum for the Board.

ELBRIDGE EMERY,	Term expires March, 1887.
JOHN T. BATCHELDER,	“ “ 1888.
GEORGE H. CURTIS,	“ “ 1889.

PENACOOK—District No. 20.

One member of Board of Education elected annually in March by inhabitants of district. Salary, \$27 per annum for the Board.

EDMUND H. BROWN,	Term expires March, 1887.
GEORGE W. ABBOTT,	“ “ 1888.
JOHN C. FARRAND,	“ “ 1889.

TOWN DISTRICT.

Comprising all districts in the city except Nos. 3, 9, 10, 11, 12, and 20. Elected annually in March by inhabitants of district. Salary, reasonable charge for actual services.

WILLIAM P. BALLARD.
JOHN G. TALLANT.
ISAAC N. ABBOTT.

TRUANT OFFICERS.

Appointed biennially in January by Board of Mayor and Aldermen. Salary, as such, none.

JOHN CONNELL.
JAMES E. RAND.
CHARLES H. JONES.
CHARLES H. GREEN.

PUBLIC LIBRARY.

TRUSTEES.

Elected biennially in January by City Council. Salary, none.

Ward 1—ABIAL ROLFE.
Ward 2—JOSEPH T. CLOUGH.
Ward 3—PAUL R. HOLDEN.
Ward 4—WILLIAM L. FOSTER.
Ward 5—CHARLES R. CORNING.
Ward 6—JAMES S. NORRIS.
Ward 7—WILLIAM W. FLINT.

LIBRARIAN.

Appointed annually by trustees of library. Salary, \$600 per annum, including assistant.

DANIEL F. SECOMB.

Board of Trade Building.

ASSESSORS.

Elected biennially by inhabitants of each ward. Salary, \$3 per day of actual service.

Ward 1—ABIAL ROLFE.
Ward 2—JOHN G. TALLANT.
Ward 3—TIMOTHY CARTER.
Ward 4—GILBERT H. SEAVEY.
Ward 5—CURTIS WHITE.
Ward 6—GEORGE S. DENNETT.
Ward 7—JONATHAN B. WEEKS.

Chairman—GILBERT H. SEAVEY.

Clerk—ABIAL ROLFE.

CITY WATER-WORKS.

WATER COMMISSIONERS.

Two annually appointed in March, for three years, by Board of Mayor and Aldermen.
Salary, none.

EDGAR H. WOODMAN, Mayor, *ex-officio*.

JAMES L. MASON,	Term expires March 31, 1887.
JOSEPH H. ABBOT,	“ “ 1887.
SAMUEL S. KIMBALL,	“ “ 1888.
GEORGE A. YOUNG,	“ “ 1888.
JOHN KIMBALL,	“ “ 1889.
WILLIAM M. CHASE,	“ “ 1889.

President—JOHN KIMBALL.

Clerk—WILLIAM M. CHASE.

SUPERINTENDENT OF WATER-WORKS.

Elected annually in April by Water Commissioners. Salary, \$1,200 per annum.

V. CHARLES HASTINGS.

Office: White's Block, Capitol St.

FIRE DEPARTMENT.

CHIEF ENGINEER.

Appointed annually in January by Board of Mayor and Aldermen. Salary, \$200 per annum.

DANIEL B. NEWHALL.

ASSISTANT ENGINEERS.

Appointed annually in January by Board of Mayor and Aldermen.

FOR PRECINCT.

Salary, \$100 each per annum.

JOSEPH S. MERRILL.

B. FRANK TUCKER.

GEORGE L. LOVEJOY.

FOR PENACOOK.

Salary, \$15 per annum.

WILLIAM W. ALLEN.

FOR EAST CONCORD.

Salary, \$10 per annum.

JOHN E. FRYE.

FOR WEST CONCORD.

Salary \$10, per annum.

SIMEON PARTRIDGE.

STEWARD CENTRAL FIRE STATION.

Appointed annually in January by Board of Mayor and Aldermen. Salary, \$600 per annum.

EBEN F. RICHARDSON.

ASSISTANT STEWARD CENTRAL FIRE STATION.

Appointed annually in January by Board of Mayor and Aldermen. Salary \$600 per annum.

WILLIS K. WINGATE.

SUPERINTENDENT OF FIRE ALARM.

Appointed annually in January, by Board of Mayor and Aldermen. Salary, \$200 per annum.

EBEN F. RICHARDSON.

SUPERINTENDENT OF CITY CLOCKS.

Appointed annually in January by Board of Mayor and Aldermen. Salary, \$50 per annum.

RICHARD H. AYER.

POLICE DEPARTMENT.

POLICE JUSTICE.

Appointed by Governor and Council. Salary \$600 per annum, fixed by legislature.

BENJAMIN E. BADGER.

Office: 130 North Main St.

SPECIAL POLICE JUSTICE.

Appointed by Governor and Council. Salary, \$2 per day of actual service.

REUBEN E. WALKER.

CITY SOLICITOR.

Elected biennially in January by City Council. Salary, \$300 per annum.

HENRY W. STEVENS.

Office: 72 North Main St.

CLERK OF POLICE COURT.

Appointed by Police Justice. Salary, \$200 per annum, fixed by legislature.

RUFUS P. STANIELS.

CITY MARSHAL.

Appointed biennially in January by Board of Mayor and Aldermen. Bond of \$300 required. Salary, \$900 per annum.

JOHN CONNELL.

Office: Corner North Main and Warren Sts.

ASSISTANT CITY MARSHAL.

Appointed biennially in January by Board of Mayor and Aldermen. Bond of \$300 required. Salary, \$800 per annum after Jan., 1887.

CHARLES H. GREEN.

Office: Penacook.

REGULAR POLICE AND NIGHT WATCH.

Appointed biennially in January by Board of Mayor and Aldermen. Salary, \$800 each per annum.

JAMES E. RAND.
CHARLES H. JONES.
EDGAR A. F. HAMMOND.

SPECIAL POLICE.

Appointed biennially in January by Board of Mayor and Aldermen. Salary, \$2 each per day for actual service.

WARD 1.

Henry E. Chamberlain,
George A. Hoyt,
George W. Holmes,
Robert Crowther,

William R. Green,
John Tucker,
William B. Cunningham,
William D. Perkins.

WARD 2.

Harrison H. Carpenter,
Moody S. Farnum,

Albert H. C. Knowles,
Joseph E. Plummer,

John E. Frye.

WARD 3.

George Partridge,
Frank H. Currier,
Simeon Partridge,

Harrison Partridge,
William A. Little,
Gilman H. Dimond.

WARD 4.

Hiram Brown,
Samuel M. Griffin,
Richard P. Sanborn,
Richard M. Ordway,
Frank S. Dodge,
Edwin D. Clough,
Jeremiah P. W. Roach,
Daniel B. Murphy,
Benj. F. Sherburne,
James J. Donagan,
Samuel E. Clifford,

Joseph J. Wyman,
Nathaniel Bond,
Edwin A. Miller,
Horace S. Abbott,
Nat. P. Eastman,
Nathan H. Dunbar,
Eli Hanson,
Joseph G. Taylor,
Frank P. Emerson,
Samuel P. Knowles,
William J. Merrill.

WARD 5.

James H. Rowell,
Joseph C. Eaton,
George D. Richardson,
George A. Foster,
Josiah C. Shaw,*
Charles E. Savory,
Daniel S. Flanders,
Thomas H. Clark,

Edward Dow,
Joseph H. Mace,
Alvah C. Ferrin,
Eben F. Richardson,
John E. Gove,
Charles T. Lane,*
John E. Joyal,
Asa D. Cutting,

Nathaniel A. Tuttle.

WARD 6.

Henry Green,
John H. Carr,
Lysander H. Carroll,
Eugene Savage,
George H. Silsby,
John C. Kilburn,
John T. Batchelder,
John D. Teel,
George L. Theobald,
Norris A. Dunklee,
David L. Neal,
Alfred L. Downing,

Edward H. Houston,
Albert H. Fellows,
Henry W. Clapp,
Hiram O. Marsh,
Silvester P. Danforth,
John Hawkins,
George A. Huntoon,
Charles L. Gilmore,
John K. Stokes,
John Gienty,
Michael Arnold,
Amos S. Abbott,

WARD 7.

Jacob E. Hutchins,
John E. Baker,
Francis H. Upton,
William W. Critchett,

Perry G. Curtice,
Marvin T. Hodge,
George W. Chesley,
John F. Bartlett,

Abner Blodgett, Jr.

RAILROAD POLICE.

James B. Colby,
Edward W. Harvey,
Charles H. Wyatt,*
Arthur L. Currier,
Henry E. Chandler,
Frank G. Hancock,
Delbert O. Andrews,

Charles H. Noyes,
George W. Mansur,
Henry J. Eaton,
Chester J. Byron,
Fred C. Jones,
Clinton R. Conant,
Henry F. Coombs,

* Deceased.

Almon E. Courser,
 Manley N. Morgan,
 George W. Blake,
 Frank H. Moore,
 Don A. Parker,

George W. Berry,
 Gilman K. Crowell,
 Nazarus Saltus,
 James H. Burns,
 Lyman W. Sargent,

Stillman D. Walker.

SPECIAL POLICE AT RAILROAD.

James M. Jones,
 Albert Smith,
 Robert P. Blake,
 Winslow D. Hodgdon,
 John M. Mahaney,
 Daniel B. Newhall,
 Frank B. Clough,

Jacob B. Jones,
 Horace Plummer,
 Harvey E. Capen,
 J. Henry Hamilton,
 Charles H. Butters,
 Frank A. Emerson,
 Charles C. Downing,

Orrin C. Hodgdon.

STREET DEPARTMENT.

COMMISSIONER OF HIGHWAYS.

Elected annually in January by City Council. Bond satisfactory to Board of Mayor and Aldermen. Salary, \$600 per annum.

EDGAR H. WOODMAN.

SUPERINTENDENT OF HIGHWAYS.

Appointed at pleasure of Commissioner of Highways. Salary, agreed price per day for working days.

JAMES H. ROWELL.

House: 45 School St.

LICENSED DRAIN-LAYERS.

Appointed annually in January by Board of Mayor and Aldermen. No salary.

William H. Kenney,
 Michael Murphy,
 Niram M. Keyes,
 Horace S. Abbott,
 Lyman R. Fellows,
 Daniel Haslam,

Richard M. Ordway,
 Joel W. Bean,
 Miles F. Farmer,
 Michael Bateman,
 Patrick A. Clifford,
 O. H. T. Richardson,

Edward H. Randall.

OVERSEERS OF THE POOR.

Elected biennially in January by Board of Mayor and Aldermen.

FOR WARD 1.

Salary, \$25 per annum.

HENRY F. BROWN,

Penacook.

FOR WARD 2.

Salary, \$10 per annum.

CHARLES H. SANBORN,

East Concord.

FOR WARDS 3, 4, 5, 6, AND 7.

Salary, \$150 per annum.

JOSEPH A. COCHRAN,

City Hall.

CITY PHYSICIAN.

Elected biennially in January by City Council. Salary, \$1 for each visit to paupers.

DR. HERBERT C. CUMMINGS.

Office: Corner State and School Sts.

ASSISTANT CITY PHYSICIAN.

Elected biennially in January by City Council. Salary, \$1 for each visit to paupers.

DR. ALFRED E. EMERY.

Office: Penacook.

HEALTH OFFICERS.

Elected biennially in January by City Council. Salary, \$1 per hour for actual service.

JOHN CONNELL.

HERBERT C. CUMMINGS.

ALFRED E. EMERY.

REGISTRAR OF VITAL STATISTICS.

The City Clerk is made Registrar by General Laws. Fees, fifteen cents for each birth, marriage, and death received, recorded, and returned to State Registrar.

JOSEPH A. COCHRAN.

Office: City Hall.

PARK COMMISSIONERS.

Joseph B. Walker,	Term expires January, 1887.
William P. Fiske,	“ “ 1887.
Ben. C. White,	“ “ 1888.
Josiah Minot,	“ “ 1888.
Lewis Downing, Jr.,	“ “ 1889.
John M. Hill,	“ “ 1889.

Edgar H. Woodman, Mayor, *ex officio*.

SUPERINTENDENT OF PENACOOK PARK.

Elected annually in January by City Council. Salary, \$50 per annum.

O. F. RICHARDSON.

West Concord.

CEMETERY COMMITTEES.

One from each ward (except wards 4, 5, and 6, consolidated), elected annually in January by City Council for three years. Salary, none.

WARD 1.

JOHN A. COBURN,	Term expires January, 1887.
JOHN G. WARREN,	“ “ 1888.
JOHN WHITAKER,	“ “ 1889.

WARD 2.

JOSEPH E. PLUMMER,	Term expires January, 1887.
CHARLES E. STANIELS,	“ “ 1888.
CHARLES D. ROWELL,	“ “ 1889.

WARD 3.

OMAR L. SHEPARD,	Term expires January, 1887.
BENJAMIN T. PUTNEY,	“ “ 1888.
JAMES M. CROSSMAN,	“ “ 1889.

WARDS 4, 5, AND 6.

JOHN E. ROBERTSON,	Term expires January, 1887.
JAMES MINOT,	“ “ 1888.
JAMES H. CHASE,	“ “ 1889.

WARD 7.

WOODBURY FLANDERS,	Term expires January, 1887.
ISAAC N. ABBOTT,	“ “ 1888.
JOHN HAZELTINE,	“ “ 1889.

UNDERTAKERS.

Elected biennially in January by City Council. Salary, none.

FOR OLD AND BLOSSOM HILL CEMETERIES.

AUGUSTUS C. FISHER.
GEORGE L. LOVEJOY.

FOR WOODLAWN CEMETERY, PENACOOK.

J. FRANK HASTINGS.
JOHN A. COBURN.

FOR EAST CONCORD CEMETERY.

JOSEPH E. PLUMMER.

FOR WEST CONCORD CEMETERY.

JAMES M. CROSSMAN.

FOR MILLVILLE CEMETERY.

WILLIAM H. CURRIER.

FOR HORSE HILL CEMETERY.

LEWET W. POWELL.

FOR SOUHOOK CEMETERY.

JONATHAN P. LEAVITT.

WARD OFFICERS.

MODERATORS.

Elected biennially in November by voters of each ward. Salary, \$3 each per annum.

LIST ELECTED NOVEMBER, 1886.

Ward 1—JAMES H. FRENCH.

Ward 2—EDWARD J. LYLE.

Ward 3—W. A. J. GILES.

Ward 4—BENJAMIN E. BADGER.

Ward 5—CHARLES C. DANFORTH.

Ward 6—ROBERT A. RAY.

Ward 7—BENJAMIN GREEN.

SELECTMEN.

Elected biennially in November by voters of each ward. Salary, \$5 each per annum.

LIST ELECTED IN NOVEMBER, 1886.

Ward 1—JOHN G. WARD.

ISAAC P. DURGIN.

LEANDER C. PRESCOTT.

Ward 2—ISAAC F. POTTER.

GEORGE M. SANBORN.

CHARLES L. WORTHEN.

Ward 3—ABIJAH HOLLIS.

ISAAC F. FERRIN.

ORIGEN A. DOWNING.

Ward 4—CHARLES H. JONES.

EDWARD H. DIXON.

ARAM B. SMITH.

Ward 5—LOREN S. RICHARDSON.

ANTONIO J. SOUZA.

CURTIS WHITE.

Ward 6—DAVID L. NEAL.

ANDREW L. LANE.

FREDERICK L. SMITH.

Ward 7—FRANK P. QUIMBY.

FREDERICK C. THOMPSON.

ALFRED CLARK.

WARD CLERKS.

Elected biennially in November by voters of each ward. Salary, \$5 each per annum.

LIST ELECTED NOVEMBER 1886.

Ward 1—LUTHER P. GAGE.

Ward 2—FRANK P. CURTIS.

Ward 3—HIRAM E. QUIMBY.

Ward 4—CHARLES A. DAVIS.

Ward 5—ROBERT H. ROLFE.

Ward 6—HOWARD M. COOK.

Ward 7—GEORGE B. WHITTREDGE.

INSPECTOR OF PETROLEUM.

Appointed annually in January by Board of Mayor and Aldermen. Fees, one fourth cent per gallon for inspection, paid by owner of oil.

J. HENRY HAMILTON.

FISH AND GAME WARDENS.

Elected annually in January by City Council. No fees.

FRED H. GOULD.

LOWELL EASTMAN.

LOUIS J. RUNDLETT.

FALES P. VIRGIN.

DANIEL C. TENNEY.

FENCE-VIEWERS.

Elected annually in January by City Council. Fees, \$2 each per day, paid by parties interested.

GEORGE W. CHESLEY.

CHARLES P. ROWELL.

MOSES H. BRADLEY.

POUND-KEEPER.

Elected annually in January by City Council. Fees, two cents each for impounding sheep, and five cents each for all other creatures, paid by owners of creatures.

BENJAMIN T. PUTNEY.

SEALER OF WEIGHTS AND MEASURES.

Elected annually in January by City Council. Fees, for sealing each scale-beam, steelyard, or scale, 25 cents, and for each measure, 10 cents, five or more to one person, half price, paid by owners of scales or measures.

GEORGE D. RICHARDSON.

Office: 19 North Main St.

SEALERS OF LEATHER.

Elected annually in January by City Council. Fees, reasonable price, paid by person employing.

JOHN C. THORN.

CYRUS R. ROBINSON.

DAVID E. EVERETT.

CULLERS OF STAVES.

Elected biennially in January by City Council. Fees, bbl. staves, 28 cts.; hhd. staves, 34 cts.; pipe staves, 40 cts.; butt staves, 45 cts.; hoops, 50 cts.; heading, 33 cts. per M.—paid by party for whom culling is done.

LEONARD BELL.

WILLIAM HAYWARD.

WEIGHERS OF HAY, COAL, ETC.

Elected annually in January by City Council. Fees, reasonable price per load, paid by party requiring the service.

Orin T. Carter,
Joseph H. Abbot,
Ira H. Maxfield,
Arthur G. Stevens,
D. Arthur Brown,
George R. Purington,
Sylvester Stevens,
John E. Robertson,
Charles P. Rowell,
John N. Hill,
Charles S. Parker,
John H. Burkhardt,
Hiram O. Marsh,

Frank J. Pillsbury,
Henry E. Chamberlin,
John P. Jewell,
J. E. Sprague,
Seth R. Dole,
Lewis B. Hoit,
J. Frank Hoit,
Patrick H. Larkin,
Henry W. Ranlet,
Omar L. Shepard,
George B. Whittredge,
Samuel B. Davis,
Robert H. Potter.

SURVEYORS OF MASONRY.

Elected annually in January by City Council. Fees, reasonable price, paid by party employing.

Richard M. Ordway,
Nahum Robinson,
Giles Wheeler,
Edward Dow,
Peter W. Webster,

William H. Kenney,
Lyman R. Fellows,
Benjamin H. Conch,
Leonard W. Bean,
O. H. T. Richardson.

SURVEYORS OF PAINTING.

Elected annually in January by City Council. Fees, reasonable price, paid by party employing.

Edward Dow,
Giles Wheeler,

Edward A. Moulton,
Charles E. Savory,
George N. Smart.

SURVEYORS OF STONE.

Elected annually in January by City Council. Fees, reasonable price, paid by party employing.

Simeon Abbott,
Edward Dow,
George W. Emerton,
Giles Wheeler,

Daniel Farnum,
Ira Foster,
Albert H. Knowles,
Charles L. Rowe.

SURVEYORS OF WOOD, LUMBER, AND BARK.

Elected biennially in January by City Council. Fees, for surveying shingles and clapboards, 4 cents per M; boards and timber, 16 cents per M; measuring cord wood, 4 cents per cord or load, or 40 cents per hour for over twenty cords; paid by person employing.

Arthur G. Stevens,
Charles W. Batchelder,
John Ballard,
Albert A. Currier,
Daniel K. Richards,
James F. Nelson,
Robert Moore,
Weston Cofran,
A. Frank Holt,
Omar L. Shepard,

John Abbott,*
Andrew Bunker,
Abner G. Hall,
Edwin D. Clough,
Edwin F. Elliott,
Thomas D. Avery,
Jacob E. Hutchins,
Benjamin H. Couch,
Timothy Carter,
Hiram O. Marsh,

* Deceased.

Jonathan B. Weeks,
Charles Couch,
John H. Rolfe,
William Ballard,
John T. Batchelder,
William A. Chesley,
Silvester P. Danforth,
Jeremiah S. Noyes,
S. Lowell French,
Nathaniel S. Shaw,
Charles Kimball,
Stephen K. Little,
Alfred Clark,
Daniel A. Brown,
Henry Martin,
Joseph S. Abbott,
John F. Scott,
John Whitaker,
Nathaniel P. Richardson,
J. Frank Hastings,
John H. Burkhardt,
Nathaniel H. Shattuck,
Edgar D. Eastman,
Peter W. Webster,
George W. Abbott,

Thomas Kilburn,
Edward Runnels,
David R. Richardson,
Walter W. Cochran,
Philip Flanders,
Eben F. Richardson,
Albert A. Moore,*
Gilbert H. Seavey,
Cyrus Runnells,
David E. Everett,
Charles H. Brown,
Theodore W. Colby,
Lowell Eastman,
Joseph T. Clough,
Andrew S. Farnum,
John C. Linehan,
Curtis White,
Charles H. Morrill,
John N. Hill,
Abner C. Holt,
Levi M. Shannon,
Charles H. Sanborn,
Charles S. Smart,
Charles M. Brown,
Joseph E. Hutchinson.

* Deceased.

MAYORS OF THE CITY OF CONCORD.

The original charter of the city was adopted by the inhabitants March 10, 1853, and until 1880 the mayor was elected annually. Since 1880 the mayor has been elected for two years at each biennial election in November.

Hon. JOSEPH LOW,	. . .	1853-'54.
" RUFUS CLEMENT,*	. . .	— '55.
" JOHN ABBOTT,	. . .	1855-'56-'57-'58.
" MOSES T. WILLARD,	. . .	1859-'60.
" MOSES HUMPHREY,	. . .	1861-'62.
" BENJAMIN F. GALE,	. . .	1863-'64.
" MOSES HUMPHREY,	. . .	— '65.
" JOHN ABBOTT,	. . .	1866-'67.
" LYMAN D. STEVENS,	. . .	1868-'69.
" ABRAHAM G. JONES,	. . .	1870-'71.
" JOHN KIMBALL,	. . .	1872-'73-'74-'75.
" GEORGE A. PILLSBURY,	. . .	1876-'77.
" HORACE A. BROWN,†	. . .	1878-'79-'80.
" GEORGE A. CUMMINGS,‡	. . .	1880-'81-'82.
" EDGAR H. WOODMAN,	. . .	1883-'84-'85-'86.

* Died in office.

† Term closed in November, 1880.

‡ Term commenced November, 1880.

TRUST FUNDS.

CITY TREASURER'S ACCOUNT

AS CUSTODIAN OF TRUST FUNDS.

The income from these trusts is paid only upon the Mayor's special order, certifying that the requirements of the trust are fulfilled.

RECEIPTS AND EXPENDITURES

From Trust Funds held by the city, during the year 1886.

ABIAL WALKER TRUST.

For the benefit of the School Fund. Income to be divided in due proportion among all the school-districts in the city.

Capital, Jan. 1, 1886, \$1,000.00

Invested in note of Concord,—city pre-
cinct, due 1895, 6 per cent., 1,000.00

INCOME RECEIVED.

Cash, interest on city note, \$60.00

EXPENDED.

Credited to School Fund, \$60.00

G. PARKER LYON TRUST.

For the benefit of the Public Library. Annual income to be expended in the purchase of books for the Public Library.

Capital, Jan. 1, 1886,	\$1,000.00
Invested in note of Concord, city precinct, due 1896, 6 per cent.,	1,000.00

INCOME RECEIVED.

Cash for interest,	\$60.00
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EXPENDED.

Paid W. P. Fiske, treasurer city library,	\$60.00
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FRANKLIN PIERCE TRUST.

For the benefit of the Public Library. Annual income to be expended in the purchase of books for the Public Library.

Capital, Jan. 1, 1886,	\$1,000.00
Invested in city of Concord bonds, due in 1888 and 1890, at 6 per cent.,	1,000.00

INCOME RECEIVED.

Cash for interest,	\$60.00
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EXPENDED.

Paid premium on exchange of bonds,	\$40.00
Paid W. P. Fiske, treasurer city library,	20.00
	<u>\$60.00</u>

DAVID OSGOOD TRUST.

Income to be applied to the purchase of school-books for poor children.

Capital, Jan. 1, 1886,	\$200.00
Invested in city of Nashua bond, due 1890, 6 per cent.,	200.00

INCOME RECEIVED.

Balance from last year,	\$9.55
Cash for interest,	12.00
	<u>\$21.55</u>
Balance on hand,	21.55

COUNTESS OF RUMFORD TRUST.

For the benefit of the Concord Female Charitable Society. Income to be applied to the charitable uses and purposes of said society, and under its direction.

Capital, Jan. 1, 1886,	\$2,000.00
Invested in note of Isaac A. Hill, dated Jan. 27, 1877, secured by mortgage of real estate and surety, 6 per cent.,	2,000.00

INCOME RECEIVED.

Cash for interest,	\$120.00
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EXPENDED.

Paid S. W. Pillsbury, treasurer of the Society,	\$120.00
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OLD CEMETERY FUND.

One half of proceeds of sales of lots. Income to be devoted to the care, protection, and ornamentation of the Old Cemetery, through its committee.

Capital, Jan. 1, 1886,	\$715.00
Invested in Concord Water-Works bonds, due 1892, at 6 per cent.,	\$700.00
Cash on deposit,	15.00
	<hr/>
	\$715.00

INCOME RECEIVED.

Cash for interest,	\$42.89
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EXPENDED.

Paid James Minot, for cemetery committee,	\$42.89
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BLOSSOM HILL CEMETERY FUND.

One half of proceeds of sales of lots. Income for the care, protection, and ornamentation of Blossom Hill Cemetery, through its committee.

Capital, Jan. 1, 1886,	\$5,392.13	
Added during 1886,	806.22	
	<hr/>	\$6,198.35
Invested in U. S. bonds, 4 per cent., . .	\$550.00	
Merrimack county bonds, 5 " . .	900.00	
N. H. bonds, 6 " . .	200.00	
City of Concord bonds, 6 " . .	200.00	
City of Concord note, 4 " . .	3,000.00	
N. H. Savings Bank, 4 " . .	1,348.35	
	<hr/>	\$6,198.35

INCOME RECEIVED.

Cash for interest, 1886,	\$180.33
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EXPENDED.

Paid James Minot for cemetery committee, . . .	\$180.33
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WEST CONCORD CEMETERY FUND.

One half of proceeds of sales of lots. Income to be devoted to the care, protection, and ornamentation of West Concord Cemetery, through its committee.

Capital, Jan. 1, 1886,	\$99.50	
Added during 1886,	1.00	
	<hr/>	\$100.50
Invested in New Hampshire Savings Bank, at 4 per cent.,		100.50

INCOME RECEIVED.

Balance on hand from last year, . . .	\$12.51	
Interest accrued to Dec. 31, 1886, . .	5.55	
Cash on hand,	<hr/>	\$18.06

EAST CONCORD CEMETERY FUND.

One half of proceeds of sales of lots. Income to be devoted to the care, protection, and ornamentation of East Concord Cemetery, through its committee.

Capital, Jan. 1, 1886,	\$52.50	
Added during 1886,	20.00	
	<hr/>	\$72.50
Invested in deposit in N. H. Savings Bank,		72.50

INCOME RECEIVED.

Balance on hand from last year,	\$1.43	
Cash for interest, 1886,	1.79	
	<hr/>	\$3.22
Balance on hand,		3.22

MILLVILLE CEMETERY FUND.

Provided by subscription from interested parties. Income to be devoted to the care, protection, and ornamentation of Millville Cemetery, through its committee.

Capital,	\$150.00	
Invested by deposit in Loan & Trust Savings Bank, 4 per cent.,	150.00	

INCOME RECEIVED.

Cash for interest,	\$3.58	
Balance on hand,		3.58

PAUL WENTWORTH TRUST.

Income to be devoted to the care of lot No. 64, south division, Old Cemetery.

Capital, Jan. 1, 1886,	\$200.00	
Invested in U. S. bonds, due 1907, at 4 per cent.,	200.00	

INCOME RECEIVED.

Balance on hand from last year,	\$10.95	
Received for interest, 1886,	8.00	
	<hr/>	\$18.95

EXPENDED.

Paid James Minot, for expenses incurred,	\$2.51	
Balance on hand,	16.44	
	<hr/>	\$18.95

THEODORE FRENCH TRUST.

Income to be devoted to the care of his lot, in Old Cemetery.

Capital, Jan. 1, 1886,	\$100.00
Invested in U. S. bond, due 1907, at 4 per cent.,	100.00

INCOME RECEIVED.

Balance from last year,	\$2.00	
Received for interest, 1886,	4.00	
	<hr/>	\$6.00

EXPENDED.

Paid James Minot, for expense incurred,	\$3.81	
Balance cash on hand,	2.19	
	<hr/>	\$6.00

JAMES McQUESTION TRUST.

Income to be devoted to the care of lot No. 65, Block F, Blossom Hill Cemetery.

Capital, Jan. 1, 1886,	\$200.00
Invested in Merrimack county bond, due 1890, at 5 per cent.,	200.00

INCOME RECEIVED.

Balance on hand from last year,	\$13.00	
Received for interest, 1886,	10.00	
	<hr/>	\$23.00

EXPENDED.

Paid James Minot, for expense incurred,	\$10.91	
Balance on hand,	12.09	
	<hr/>	\$23.00

SARAH M. K. ADAMS TRUST.

So much of the income of the trust as necessary, to be devoted to the care of lot No. 179, Block M, Blossom Hill Cemetery; balance of income, for building cemetery fence, &c., under conditions.

Capital, March 1, 1886,	\$700.00
Invested in deposit at Merrimack County Savings Bank, at 4 per cent.,	700.00

INCOME RECEIVED.

Balance on hand from last year,	\$10.71	
Received for interest, 1886,	30.67	
	<u> </u>	\$41.38

EXPENDED.

Paid James Minot, for expense incurred,	\$13.80	
Balance on hand,	27.58	
	<u> </u>	\$41.38

EDWARD L. KNOWLTON TRUST.

So much of the income of the trust as necessary, to be devoted to the care of lot No. 177, Block M, Blossom Hill Cemetery; balance of income, for building cemetery fence, &c., under conditions.

Capital, Jan. 1, 1886,	\$1,000.00
Invested in deposit at N. H. Savings Bank, at 4 per cent.,	1,000.00

INCOME RECEIVED.

Balance on hand from last year,	\$60.22	
Received for interest, 1886,	40.00	
	<u> </u>	\$100.22

EXPENDED.

Paid James Minot, for expense incurred,	\$12.95	
Balance on hand,	87.27	
	<u> </u>	\$100.22

ELIZA W. UPHAM TRUST.

Income to be devoted to the care of lot No. 27, Block H, Blossom Hill Cemetery.

Capital, Jan. 1, 1886,	\$200.00
Invested in Merrimack County Savings Bank, 4 per cent.,	200.00

INCOME RECEIVED.

Balance on hand from last year,	\$5.73	
Received for interest, 1886,	10.22	
	<u> </u>	\$15.95

EXPENDED.

Paid James Minot, for expense incurred,	\$6.11	
Cash on hand,	9.84	
	<u> </u>	\$15.95

GEORGE C. FOGG TRUST.

Income to be devoted to care of lot No. 36, Block R, in Blossom Hill Cemetery.

Capital, Jan. 1, 1886,	\$200.00
Invested in two shares of stock of the Atchison, Topeka & Santa Fé Railroad, given by testator,	200.00

INCOME RECEIVED.

Balance from last year,	\$8.50	
Received for interest, 1886,	17.45	
	<u> </u>	\$25.95

EXPENDED.

Paid James Minot, for expense incurred,	\$6.94	
Cash on hand,	19.01	
	<u> </u>	\$25.95

MRS. C. H. NEWHALL TRUST.

Income to be devoted to care of lot No. 16, Block L, in Blossom Hill Cemetery.

Capital, Jan. 1, 1886,	\$175.00	
Invested by deposit in Merrimack County Savings Bank, 4 per cent.,	175.00	

INCOME RECEIVED.

Cash for interest, 1886,	\$7.52	
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EXPENDED.

Paid James Minot, for expense incurred,	\$3.94	
Cash on hand,	3.58	
	<hr/>	\$7.52

MARY CROW TRUST.

Income to be devoted to care of lot No. 21, Block H, in Blossom Hill Cemetery.

Capital, Jan. 1, 1886,	\$200.00	
Invested in 6 per cent. bond of Lombard Investment Company, given by testator,	200.00	

INCOME RECEIVED.

Balance from last year,	\$12.00	
Cash for interest, 1886,	12.00	
	<hr/>	\$24.00

EXPENDED.

Paid J. H. Chase, for 1885,	\$6.00	
“ James Minot, for expense incurred,	4.85	
Cash on hand,	13.15	
	<hr/>	\$24.00

MARY D. HART TRUST.

Income to be devoted to care of lot No. 52, Block 11, Blossom Hill Cemetery.

Capital, Jan. 1, 1886, \$200.00

Invested in two shares of stock of Pemigewasset Valley R. R., given by donor, 200.00

INCOME RECEIVED.

Balance from last year, \$2.00

Cash for interest, 1886, 6.00

 \$8.00

EXPENDED.

James Minot, for expense incurred, . . \$4.60

Balance on hand, 3.40

 \$8.00

ASA FOWLER TRUST.

Income, so far as necessary, to be devoted to the care of lots Nos. 85 and 86, new addition, Blossom Hill Cemetery, and balance for improvement of cemetery.

Capital, Jan. 1, 1886, \$500.00

Invested by deposit in Loan and Trust Savings Bank, 4 per cent., 500.00

INCOME RECEIVED.

Cash for interest to Dec. 31, 1886, \$21.88

EXPENDED.

Paid James Minot for expense incurred, \$14.20

Balance on hand, 7.68

 \$21.88

MARY WILLIAMS TRUST.

Income to be devoted to care of lot No. 2, in Block F, Blossom Hill Cemetery.

Capital, Jan. 1, 1886, \$50.00

Invested by deposit in Merrimack County Savings Bank, 4 per cent, 50.00

INCOME RECEIVED.

Cash for interest, 1886, \$2.00

Cash on hand, 2.00

ABIGAIL SWEETSER TRUST.

Income to be devoted to care of her lot, No. —, in the Old Cemetery.

Capital, Jan. 1, 1886,	\$200.00
Invested by deposit in Merrimack County Savings Bank, 4 per cent.,	200.00

INCOME RECEIVED.

Cash for interest, 1886,	\$9.41
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EXPENDED.

Paid James Minot for expense incurred,	\$3.80
Cash on hand,	5.61
	<hr/>
	\$9.41

TRUE OSGOOD TRUST.

Income to be devoted to care of lots Nos. 40 and 41, in Old Cemetery.

Capital,	\$100.00
Invested by deposit in Merrimack County Savings Bank,	100.00

INCOME RECEIVED.

Cash for interest, 1886,	\$4.00
Cash on hand,	4.00

SETH EASTMAN TRUST.

Income to be devoted to the care of his lot in the Old North Cemetery.

Capital,	\$100.00
Invested in one share of Abbot-Downing Co. stock, given by testator,	100.00

INCOME RECEIVED.

Cash for interest, 1886,	\$1.50
Cash on hand,	1.50

SARAH E. IRISH TRUST.

Income to be devoted to the care of lot No. 86, Block K, in Blossom Hill Cemetery.

Capital,	\$100.00
Invested by deposit in New Hampshire Savings Bank,	100.00

No interest yet accrued.

MARY E. WALKER TRUST.

Income to be devoted to the care of her lot in Old North Cemetery.

Capital,	\$200.00
Invested by deposit in New Hampshire Savings Bank,	200.00

No interest yet accrued.

GEORGIANNA P. ELA TRUST.

Income to be devoted to the care of the Samuel Clark lot in Blossom Hill Cemetery.

Capital,	\$100.00
Invested by deposit in Merrimack County Savings-Bank,	100.00

No interest yet accrued.

WILLIAM PAGE TRUST.

Income to be devoted to the care of his lot in Pine Grove Cemetery, East Concord.

Capital,	\$25.00
Invested by deposit in Merrimack County Savings Bank,	25.00

No interest yet accrued.

BENJAMIN A. KIMBALL TRUST.

Income to be devoted to the care of his lot No. —, Block —, Blossom Hill Cemetery.

Capital,	\$100.00
Invested by deposit in Merrimack County Savings Bank,	100.00
No interest yet accrued.	

JOHN KIMBALL TRUST.

Income to be devoted to the care of his lot No. —, Block —, Blossom Hill Cemetery.

Capital,	\$100.00
Invested by deposit in Merrimack County Savings Bank,	100.00
No interest yet accrued.	

1886.

Population of the city (census 1880),	. . .	13,845
Valuation of the city,	. . . . .	\$9,703,458.00
Gross tax assessed for the year,	. . . . .	\$167,525.52
Rebate to town school-districts,	. . . . .	8,530.69
Net tax,	. . . . .	<u>\$158,994.83</u>
Rate of taxation,	. . . . .	\$12 per 1,000

\$1.50 per \$1,000 additional for Union School-District.

\$3.30 per \$1,000 additional for Precinct Tax.

POLLS, VALUATION, AND TAXES ASSESSED.

The number of polls, and the tax assessed on the real and personal estate in the city of Concord, since 1860.

Year.	No. of Polls.	Valuation.	Tax.
1860	2,577	\$4,307,192	\$47,082.25
1861	2,497	4,423,936	46,290.48
1862	2,350	4,308,568	50,945.01
1863	2,454	3,775,206	60,293.82
1864	2,539	3,832,800	89,931.97
1865	2,495	5,549,002	158,787.29
1866	2,762	4,934,082	116,192.97
1867	2,822	5,006,774	145,173.49
1868	3,120	5,378,365	126,889.71
1869	3,205	5,581,459	146,791.64
1870	3,187	5,751,928	133,953.94
1871	3,338	5,891,993	137,844.70
1872	3,767	5,917,054	141,122.97
1873	3,613	9,012,650	158,281.13
1874	3,784	9,000,526	171,045.61
1875	3,941	9,216,195	175,234.68
1876	3,911	9,222,625	163,768.29
1877	4,015	9,405,117	177,040.27
1878	3,869	9,241,485	162,038.53
1879	3,536	10,604,465	155,964.99
1880	3,672	10,150,586	172,831.12
1881	3,505	10,062,894	153,285.55
1882	3,661	10,308,052	151,941.54
1883	3,816	10,023,216	169,498.95

1884.	Polls.	Valuation.	Tax.
Ward 1,	407	\$805,023	\$10,338.78
2,	212	414,798	4,568.81
3,	245	463,839	6,009.11
4,	956	2,147,933	33,742.35
5,	667	3,045,000	47,839.59
6,	818	2,350,193	36,624.04
7,	429	651,088	7,804.81
Non-resident,			1,362.77
	<hr/> 3,734	<hr/> \$9,877,874	<hr/> \$148,290.26

1885.	Polls.	Valuation.	Tax.
Ward 1,	401	\$800,823	\$10,692.29
2,	231	426,066	5,148.19
3,	245	462,798	6,167.04
4,	968	2,130,737	34,573.67
5,	740	3,086,343	50,193.77
6,	814	2,226,293	37,398.21
7,	422	641,654	8,030.66
Non-resident.			1,410.09
	<hr/> 3,821	<hr/> \$9,774,714	<hr/> \$153,613.92
1886.	Polls.	Valuation.	Tax.
Ward 1,	409	\$789,356	\$12,154.31
2,	224	413,478	6,899.03
3,	231	459,830	6,977.01
4,	980	2,118,081	38,409.35
5,	676	2,896,870	49,313.55
6,	830	2,402,869	40,875.81
7,	423	622,974	10,333.86
Non-resident.			2,562.60
	<hr/> 3,773	<hr/> \$9,703,458	<hr/> \$167,525.52
Rebate Town School-District,			8,530.69
			<hr/> \$158,994.83

MUNICIPAL FUNDED DEBT.

CITY BONDS PAYABLE AS FOLLOWS:

When due.	Rate of interest.	Payable.	Amount
January 1, 1887,	6,	annually,	\$1,500
July 1, 1887,	3,	annually,	3,000
October 1, 1887.	6,	semi-annually,	10,000
January 1, 1888,	6,	annually,	1,000
July 1, 1888,	4,	annually,	3,000
October 1, 1888,	6,	semi-annually,	8,500
January 1, 1889,	6,	annually,	2,000
October 1, 1889.	6,	semi-annually,	10,000
January 1, 1890,	6,	annually,	2,000
October 1, 1890,	6,	semi-annually,	10,000
January 1, 1891,	6,	annually,	1,000
October 1, 1891,	6,	semi-annually,	6,250
November 1, 1891.	6,	semi-annually,	6,000
October 1, 1892,	6,	semi-annually,	2,000
November 1, 1892,	6,	semi-annually,	10,000
October 1, 1893,	6,	semi-annually,	4,250
November 1, 1893,	6,	semi-annually,	8,000
October 1, 1894,	6,	semi-annually,	4,000
November 1, 1894,	6,	semi-annually,	7,000
October 1, 1895,	6,	semi-annually,	3,000
			<hr/>
			\$102,500

CITY DEBT NOT FUNDED.

Coupons overdue, not presented,	.	\$457.50
Interest accrued, not yet due,	.	1,210.00
Due school-districts,	.	15,582.09
		<hr/>
Funded debt,	.	102,500.00
		<hr/>
Total city debt,	.	\$119,749.59

AVAILABLE ASSETS.

Cash in treasury,	\$47,904.66	
Collectible taxes, 1885,	307.16	
“ “ 1886,	25,017.90	
Due from county of Merrimack,	3,012.46	
	<hr/>	\$76,242.18
Indebtedness above assets,*		\$43,507.41

PRECINCT'S FUNDED DEBT.

CITY PRECINCT BONDS (STATE-HOUSE LOAN) PAYABLE AS FOLLOWS :

When due.	Rate of interest.	Interest payable.	Amount.
Dec. 1, 1887,	6,	semi-annually,	\$3,000.00
Dec. 1, 1888,	6,	“	3,500.00
Dec. 1, 1889,	6,	“	2,000.00
Dec. 1, 1890,	6,	“	3,000.00
Dec. 1, 1891,	6,	“	2,000.00
Dec. 1, 1892,	6,	“	2,000.00
Dec. 1, 1893,	6,	“	2,000.00
Dec. 1, 1894,	6,	“	3,000.00
Dec. 1, 1895,	6,	“	10,000.00
Dec. 1. 1896,	6,	“	7,000.00
			<hr/>
			\$37,500.00

WATER PRECINCT BONDS.

April 1, 1892,	6,	semi-annually.	\$200,000.00
April 1, 1894,	6,	“	130,000.00
April 1, 1895,	6,	“	20,000.00
Oct. 1, 1912,	4,	“	45,000.00
			<hr/>
			\$395,000.00
			<hr/>
			\$432,500.00

*Awards for land damages, for widening Freight and Railroad streets, have been made during the year to the amount of \$22,065.00, which the land-owners have not accepted. If the proposed widenings are carried out by the city, the awards would be considered in the nature of an indebtedness.

PRECINCT'S DEBTS NOT FUNDED.

Bonds overdue, but not presented, . . .	\$1,000.00
Coupons overdue, but not presented, . . .	425.00
Interest accrued but not yet due, . . .	190.00
	<hr/>
	\$1,615.00
Precinct's funded debts,	432,500.00
	<hr/>
Precinct's debts,	\$434,115.00
Less Water-Works bonds on hand, . . .	2,000.00
	<hr/>
Net precinct debts,	\$432,115.00

RECAPITULATION.

Net city debts above assets,	\$43,507.41
Net precinct's debts above assets,	432,115.00
	<hr/>
Aggregate indebtedness of city and precinct over available assets,	\$475,622.41
Aggregate city and precinct indebtedness, January 1, 1886,	500,134.75
Decrease for the year,	24,512.34

PROPERTY

BELONGING TO THE CITY HAVING AN ACTUAL CASH VALUE, BUT
NOT CONSIDERED AS AVAILABLE ASSETS.

Real Estate.

City hall lot and half of building, . . .	\$25,000.00
City farm pasture and quarries, . . .	3,000.00
Penacook park,	1,500.00
Market-place on Warren street, . . .	10,000.00
City store-house and lots,	5,000.00
Lots corner Warren and Liberty streets, . . .	700.00
Land at East Concord, near cemetery, . . .	300.00
Engine house, West Concord,	800.00
Engine house, East Concord,	3,000.00
Alert Hose house, Washington street, . . .	2,000.00
Good-Will Hose house,	6,000.00
Central fire station,	35,000.00
Pioneer engine-house, Penacook,	7,500.00
Gravel banks, East Concord,	100.00
House and lot on Plains,	300.00
Ward house, West street,	4,500.00
Children's Play-ground,	1,500.00
White Park,	3,000.00
	<hr/> \$109,200.00

Fire Department.

Steamer "Governor Hill,"	\$4,000.00
Steamer "Kearsarge,"	3,000.00
Steamer "Pioneer,"	3,000.00
Hook and Ladder carriage,	1,500.00
Kearsarge Hose carriage,	600.00
Eagle Hose carriage,	600.00
Alert Hose carriage,	400.00
Good-Will hose carriage,	400.00
East Concord hand engine,	400.00
West Concord hand engine,	400.00
Leather and fabric hose,	3,500.00
Implements in charge of fire companies, . . .	3,000.00
Fire alarm,	2,000.00

Three horses,	\$600.00	
Harnesses and stable fixtures, . . .	300.00	
Supply wagon and sleigh,	200.00	
Wagon and sleigh for Central station, .	100.00	
	<hr/>	\$24,000.00

Street Department.

Lumber, stone, etc., at city storehouse,	\$300.00	
Three horses,	500.00	
Two stone rollers,	250.00	
Four street sprinklers,	800.00	
Stone crusher, engine, and building, .	2,000.00	
Street sweeper,	300.00	
Horse-cart and wagon,	50.00	
Road machines,	225.00	
Large horse sled,	50.00	
Small horse-sled,	15.00	
Two-horse dump-cart,	100.00	
One new derrick,	100.00	
Picks, shovels, and small tools, . . .	200.00	
	<hr/>	\$4,890.00

Miscellaneous.

Books in City Library,	\$5,000.00	
Furniture City Hall building,	1,000.00	
Furniture mayor's office,	55.00	
Furniture city marshal's office, . . .	25.00	
Furniture collector's office,	100.00	
	<hr/>	\$6,180.00
		<hr/>
		\$144,270.00

PRECINCT PROPERTY.

BELONGING TO THE WATER PRECINCT, AND HAVING AN ACTUAL
CASH VALUE, BUT NOT CONSIDERED AS AVAILABLE ASSETS.

City Water-Works,	\$395,000.00
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CITY APPROPRIATIONS, 1886.

For payment of city bonds, . . .	\$18,500.00
interest on city debt, . . .	6,550.00
state tax, . . .	25,372.00
county tax, . . .	24,466.57
city paupers, . . .	1,500.00
fire department, . . .	11,000.00
improvement of fire alarm, . .	450.00
new horses for fire department, .	550.00
incidentals and land damages, .	6,000.00
roads and bridges, . . .	20,000.00
sidewalks and crossings, . .	2,000.00
committee service, . . .	1,140.00
police and watch, . . .	5,000.00
printing and stationery, . . .	1,000.00
legal expenses, . . .	750.00
receiving tomb, . . .	550.00
salaries, . . .	5,500.00
public library, . . .	2,200.00
beds at Concord Hospital, . .	900.00
schools, . . .	22,225.00
reservoir at East Concord, . .	200.00
decorating soldiers' graves, . .	200.00
new roofing Sewall's Falls and Free bridges, . . .	550.00
Penacook park, . . .	250.00
discounts and abatements of taxes,	2,000.00
	<hr/> \$158,853.57

PRECINCT APPROPRIATIONS, 1886.

For payment of precinct bonds, . .	\$2,500.00
interest on state-house loan, . .	2,400.00
payment of sewer notes, . . .	10,000.00
interest on sewer notes, . . .	380.00
lighting streets, . . .	3,300.00
electric lighting, . . .	1,000.00
water for public fire hydrants, .	3,000.00
construction of sewers, . . .	2,100.00
	<hr/> \$24,680.00

ACCOUNT OF COLLECTORS OF TAXES.

The undersigned Collector reports that the books are all squared to the year 1884, the taxes of previous years having been fully balanced by the abatement of those taxes found to be uncollectible, and the collection of all which were available.

The amounts collected, not included in former reports, are given below, which squares the books to 1884.

1882.

Balance uncollected, as per last report,	\$80.13
Collected and paid treasurer,	\$80.13

1883.

Balance uncollected, as per last report,	\$10,455.20
Collected and paid treasurer,	\$10,455.20

CHARLES T. HUNTOON, *Collector.*

The undersigned collector makes the following report, which balances the books to 1885:

1884.

List committed to collector,	\$148,776.61
Collected and paid treasurer,	\$145,086.12
Discounts and abatements,	3,690.49
	<hr style="width: 100%;"/> \$148,776.61

1885.

List committed to collector as corrected,	\$154,156.16
Collected and paid treasurer,	\$150,005.43
Discounts and abatements,	3,843.57
Uncollected,	307.16
	<hr style="width: 100%;"/> \$154,156.16

1886.

List committed to collector,	\$158,994.83
Collected and paid treasurer,	\$131,000.00
Discounts and abatements,	2,976.93
Balance uncollected,	25,017.90
	<hr style="width: 100%;"/> \$158,994.83

THOMAS M. LANG, 2d, *Collector.*

WM. F. THAYER, *Treasurer,*

IN ACCOUNT

Dr.

Balance on hand January 1, 1886,	\$28,266.12
C. T. Huntoon, taxes 1883,	10,456.60
" " 1882,	80.73
Thomas M. Lang, 2d. taxes 1884,	791.47
" " 1885,	22,131.05
" " 1886,	131,000.00
" interest 1884,	110.83
" " 1885,	641.67
Merrimack county,	2,758.88
" incidentals,	12.50
Town of Laconia, city paupers,	40.75
James E. Rand, license,	257.00
J. A. Cochran, city paupers,	4.00
" license,	154.50
" sale of wood,	9.00
Town of Hopkinton school-district,	28.66
B. T. Putney, rent of stone quarries,	117.76
G. B. Emmons, fire department,	53.88
G. H. Partridge, " "	19.50
" incidentals,	40.00
J. W. Johnson & Co., incidentals,	371.70
J. H. Rowell, incidentals,	400.00
C. H. Green, license,	25.00
Emma Osgood, incidentals,	3.00
State of New Hampshire, insurance tax,	141.00
" " railroad tax,	17,363.74
" " savings-bank tax,	25,132.39
" " literary fund,	1,649.92
Money borrowed,	6,000.00
Crowley & Quinn, rent of stone quarries,	2.80
Interest on Walker legacy,	60.00
E. H. Woodman, incidentals,	23.25
" highways,	1,003.57
" sidewalks,	923.00
" sewers,	7.87
" Penacook park,	9.50
" Precinct,	36.00
John Gray, rent of stone quarries,	29.25
I. H. Runnells, incidentals,	10.00
G. W. Waters, rent of land,	25.00
Sylvester Dana, police court,	742.51
B. E. Badger, police court,	165.50
R. P. Sanborn, rent,	47.00
	\$251,146.90

CITY TREASURER.

49

WITH

CITY OF CONCORD.

Cr.

City bonds,	\$19,500.00	
Dog tax,	50.00	
Precinct bonds,	12,200.00	
County of Merrimack, for paupers, .	3,012.46	
	<hr/>	\$34,762.46
County tax,	\$24,466.57	
Committee service,	1,140.00	
City paupers,	2,870.34	
Decoration day,	200.00	
Fire department,	12,683.22	
Lighting streets, Ward No. 1, . . .	450.00	
Penacook park,	217.79	
Beds at Concord hospital,	900.00	
Reservoir, East Concord,	200.00	
Receiving tomb, Blossom Hill cemetery,	503.59	
Incidentals,	15,246.17	
Interest,	6,501.67	
Police and watch,	5,589.22	
Printing and stationery,	1,097.24	
Precinct, including sewers and lights,	12,374.41	
Public library,	2,200.00	
Professional services,	669.95	
Salaries,	5,851.18	
Highways, including bridges and side-		
walks,	23,492.71	
School-house tax,	3,492.27	
Schools,	22,961.45	
State tax,	25,372.00	
	<hr/>	\$168,479.78
Balance on hand,		47,904.66

REPORT OF COMMITTEE ON FINANCE.

The books of the city treasurer have been examined and compared with those of the city clerk by the Committee on Finance, and all the accounts are found to be correctly kept, with proper vouchers on file for all payments. All the bills allowed by the Committee on Accounts and Claims have been paid, and no claims against the city which the city would be liable to pay are known to remain outstanding, with the exception of those mentioned under the heading of unfunded debts; and the balance in the hands of the treasurer is forty-seven thousand nine hundred and four dollars and sixty-six cents (\$47,904.66).

EDGAR H. WOODMAN,
JOHN C. THORN,
LELAND A. SMITH,
JAMES F. ROONEY,
GEORGE H. MILLS,

Committee on Finance.

CITY EXPENSES

FROM JANUARY 1 TO DECEMBER 31,

1886:

Being an itemized account, made up from the books of the City Clerk, of the payments made by the City Treasurer, on account of

RUNNING EXPENSES.

The arrangement of the details of expenditure which follows is intended to furnish such information as is desired by the public, and is in accordance with suggestions received from various sources. Items of payment to the same individual at sundry times are included in the aggregate amount given, if paid for the same objects. Every effort has been made to ascertain and pay all the bills for the current year; and in all cases, so far as known, payments of rent, etc., have been made to December 31, 1886, and salaries and committee service have been paid for the full municipal year. The expenses of the year which are included in the general running expense, may be seen in the aggregate at the end of the detailed account here given. This is intended to include interest, but not the payment of maturing bonds.

STATE TAX.

Paid Solon A. Carter, state treasurer,	.	.	\$25,372.00
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COUNTY TAX.

Paid George P. Little, county treasurer,	.	.	\$24,466.57
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INTEREST.

Paid coupons and interest account,	.	.	\$6,501.67
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CITY PAUPERS.

Appropriation for 1886,	\$1,500.00	
Received of town of Laconia,	10.75	
" Joseph A. Cochran for cash re-		
turned,	4.00	
" Joseph A. Cochran for wood		
sold,	9.00	
	<hr/>	
	\$1,553.75	
Deficiency brought from transfer account, .	1,316.59	
	<hr/>	
		\$2,870.34
Paid as follows :		
Peabody A. Morse, aid,	\$78.00	
Ellen M. Hall, rent for Mrs. Call, . . .	4.50	
Mrs. C. H. Critchett, aid,	141.00	
Henry Weeks, rent for Mrs. Call, . . .	23.00	
Mrs. Timothy Tilton, board Currier child, .	106.00	
John E. Mitchell, board Glover child, . .	104.00	
Merrimack Co., board at county farm, . .	139.36	
Noah P. Webster, aid,	109.00	
S. D. Marden, medical services,	7.00	
John C. Linnehan, groceries,	1.40	
C. H. Sanborn, supplies furnished, . . .	13.30	
Alvah Atwood, board Atwood children, .	106.00	
J. A. Cochran, cash paid out,	15.20	
H. W. Brickett, groceries,	2.00	
Andrew Keenan, wood,	2.00	
A. C. Sanborn, groceries,	7.34	
Dr. H. C. Cummings, medical services, .	42.50	
A. B. Young, groceries,	4.72	
John Bresnahan, aid,	84.00	
C. H. Carpenter, wood,	255.62	
G. H. Seavey, aid for Mrs. Critchett, . .	2.10	
H. F. Brown, supplies furnished,	7.13	
Reed & Mudgett, provisions,	2.00	
J. E. Symonds & Co., wood,	5.00	
Perkins, Dudley & Co., provisions, . . .	2.51	
Horace A. Brown, rent for Mrs. Call, . .	28.00	
O. J. Fifield, wood,	6.00	

Dr. A. C. Alexander, medical services, . . .	\$34.50
Harriet Crummet, aid,	20.00
E. H. Smart, aid for Mrs. Critchett, . . .	7.01
Fred Reed & Co., groceries,	9.00
J. Frank Hoit & Co., groceries,	32.00
Dr. A. E. Emery, medical services, . . .	6.00
George C. Blaisdell, "	13.00
George L. Lovejoy, undertaker,	12.00
H. H. Farnum, board of P. A. Morse, . . .	21.50
A. P. Fitch, medicines, . . . . .	.49
W. W. Allen, dry goods,	2.20
John A. Coburn, undertaker,	15.75
C. H. Sanders, shoes, . . . . .	.70
J. E. Plummer, undertaker,	5.00
Contoocook Manufacturing Co., wood, . . .	9.25
N. H. Asylum, board,	645.65
	<hr/>
	\$2,132.73

For City Paupers in other Towns.

Town of Belmont, for Moses D. French, . .	\$329.08
Town of Warner, for Mrs. Lamprey, . . .	82.50
Town of Hooksett, for C. L. Quimby, . . .	103.32
State Industrial School, Heath boy, . . .	27.64
G. W. Adams, Manchester, for Mrs. Ahern, .	5.00
Susan J. Clark, " " " "	30.00
John E. Dolber, " " " "	30.00
G. W. M. Pitman, Bartlett, for J. H. East-	
man,	46.07
James H. Eastman, Bartlett, aid,	84.00
	<hr/>
	8737.61
	<hr/>
	\$2,870.34

FIRE DEPARTMENT.

Appropriation for 1886,	\$11,000.00
“ improvement fire alarm,	450.00
“ new horses,	550.00
Received for shotes sold,	33.96
“ exchange of shotes,	19.92

Received of G. & H. Partridge, for manure,	\$15.00
" H. Partridge, rent of engine-hall,	4.50
	<hr/>
	\$12,073.38
Deficiency brought from transfer account,	609.84
	<hr/>
	\$12,683.22

Paid as follows :

Central Station.

Eben F. Richardson, steward,	\$600.00
Willis K. Wingate, assistant steward, . .	600.00
James Mercer, teamster,	600.00
Oscar Thomas, "	580.64
Chas. E. Lake, "	102.95
Thomas Fagan, "	16.00
J. M. Stewart & Sons, door mats,	4.50
Mrs. B. M. Pratt, washing,	40.00
Mrs. Annie Richardson, washing,	20.00
Holt Bros., plank,	1.92
Henry L. Harris, pair horses,	550.00
Concord Railroad, freight bills,	25.65
" " supplies,	5.10
J. F. Cotton, hay,	340.18
W. F. Wadleigh, hay,	23.26
G. B. Emmons, hay,	34.60
George W. Merrill, hay,	200.90
E. D. Smart, straw,	30.80
William R. Worth, straw,	10.07
H. Thompson, brooms,	8.64
Eugene Low, mop-handle, . . . . .	.75
J. Frank Hoyt, supplies,	8.75
S. E. Tweed, liniment,	12.25
W. D. Thompson, hardware,	71.00
Underhill & Kittredge, supplies,	38.00
Stevens & Duncklee, supplies,	72.52
Concord Water-Works, water,	48.00
W. S. Davis & Son, blacksmith work, . .	74.29
Concord Gas Co., gas,	324.50
J. D. Johnson & Son, harness-work, . .	142.40
J. E. McShane, horse-shoeing,	166.95
Robert Maguire, veterinary services, . .	42.50

Andrew S. Jackson, supplies,	\$24.85
Williams & Rix, upholstering,	7.85
G. B. Emmons, shotes, &c.,	37.00
J. A. Dadmun, supplies,	16.55
Connell & Savory, supplies and painting,	130.63
Gallinger & Peaslee, medical services, .	3.00
Boston & Lowell Railroad, supplies, .	.30
Scribner & Britton, supplies,	10.73
Ranlet & Marsh, coal and wood, . . .	132.90
C. H. Martin & Co., supplies,	43.18
E. F. Richardson, making bedding, . .	3.40
Thurston & Downing, sheeting, . . .	3.58
George Goodhue, supplies,	8.69
Clapp & Co., castings,	45.15
Geo. L. Theobald, drawing hay,	2.50
A. R. Ayers, supplies,	10.02
Humphrey, Dodge & Smith, supplies, .	9.87
Walker & Co., portable forge,	13.62
A. P. Fitch, supplies,	19.06
Kimball & Danforth, lumber,	28.80
M. J. Ward, couplings,	28.40
F. J. Emerson, oats,	46.37
D. N. Allen, new boiler flues, &c., . .	79.58
Eben F. Richardson, cash paid out, . .	16.26
John A. Wheelock, hose-coupling reformer,	75.00
Amos H. Morrison, labor,	5.50
Lowell Eastman, glass,	7.53
Brown & Abbott, use of horses, . . .	75.00
Ordway & Ferrin, setting boiler, . . .	23.69
Munns & Paige, steam fitting,	48.67
W. M. Darrah, labor,	3.25
E. B. Hutchinson, lumber, . . . .	.96
Sam'l Eastman & Co., supplies,	7.90
	<hr/>
	85,766.91

Fire Alarm.

Eben F. Richardson, superintendent, .	\$200.00
Dan'l B. Newhall, cash paid out, . . .	10.66
F. W. Landon, generator and wire, . .	10.41
Edwin Rogers, supplies,	91.13

Edwin Rogers, new repeater, &c., . . .	\$581.38	
“ new signal boxes, &c., . . .	253.96	
Underhill & Kittredge, supplies, . . .	26.73	
W. D. Thompson, hardware, . . .	72.40	
James H. Sanders, painting, . . .	36.07	
W. S. Davis & Son, blacksmithing, . . .	75.00	
John A. White, machine work, . . .	1.20	
Booth & Haslam, supplies and labor, . . .	18.91	
E. A. Miller & Son, lumber and labor, . . .	41.59	
Charles C. Blanchard, varnishing, . . .	8.00	
J. C. McGilvray, labor, . . .	4.00	
	<hr/>	\$1,134.44

Good Will Hose.

C. W. Wilcox, use of hose, . . .	\$100.00	
Geo. H. Sawyer, steward, . . .	33.00	
Concord Water-Works, water, . . .	9.50	
Concord Gas Co., gas, . . .	41.90	
Pay-rolls, . . .	486.00	
	<hr/>	\$670.40

Alert Hose.

J. F. Scott, labor, . . .	\$5.88	
George Goodhue, gas fixtures, . . .	4.00	
Frank H. George, furnace, . . .	98.30	
S. Seavey estate, rent of stable, . . .	60.00	
Ranlet & Marsh, coal, . . .	21.75	
Fred Earle, steward, . . .	30.00	
Charles C. Hill, use of horses, . . .	25.00	
B. Bilsborough, painting, . . .	26.84	
John H. Sanborn, lumber and labor, . . .	10.15	
Ordway & Ferrin, whitening, . . .	10.00	
Concord Water-Works, water, . . .	13.50	
Concord Gas Co., gas, . . .	24.50	
Pay-rolls, . . .	486.00	
	<hr/>	\$815.92

Eagle Hose.

Pay-rolls, . . .	\$551.00
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Board of Engineers.

Pay-rolls, . . .	\$541.00
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Kearsarge Steamer.

Abbot-Downing Co., repairs,	\$13.00	
Pay-rolls,	721.00	
	<hr/>	\$734.00

Gov. Hill Steamer.

C. H. Sanders, engineer,		\$25.00
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Pioneer Steamer.

Enoch E. Rolfe, steward,	\$30.00	
W. W. Allen, cash paid out,	18.76	
Henry Morrill, use of horses,	33.33	
C. C. Bean estate, "	16.67	
Contoocook Mfg. Co., wood,	1.20	
W. W. Allen, coal,	40.05	
Henry Morrill, labor,	6.00	
C. M. & A. W. Rolfe, repairs,	1.40	
Dodge & Bickford, hose sleigh,	50.00	
Pay-rolls,	506.00	
	<hr/>	\$706.41

Hook and Ladder Co.

Pay-rolls,		\$806.00
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Old Fort Hand Engine Co.

John E. Frye, lumber and labor,	\$50.00	
Samuel Eastman, water,	5.00	
T. B. Dickerman, steward,	21.00	
John E. Frye, supplies,	12.86	
Pay-rolls,	246.00	
	<hr/>	\$334.86

Cataract Hand Engine Co.

Partridge & Crossman, repairs,	\$21.40	
W. J. Fernald, chairs,	11.70	
H. B. Peabody, steward,	18.18	
Pay-rolls,	246.00	
	<hr/>	\$297.28
	<hr/>	\$12,683.22

HIGHWAY DEPARTMENT.

Appropriation for highways, 1886,	\$20,000.00
.. Sewall's Falls and Free bridges,	550.00
Received from E. H. Woodman, Commis- sioner of Highways, from sale of loan, &c.,	172.07
Received from street sprinkling subscrip- tion,	831.50
	<hr/> \$21,553.57
Appropriation for sidewalks, 1886, . . .	\$2,000.00
Received from E. H. Woodman, Commis- sioner of Highways, account of concrete, . . .	923.00
	<hr/> \$2,923.00
	<hr/> \$24,476.57
Surplus carried to transfer account,	983.86
	<hr/> \$23,492.71

Paid as follows :—

CENTRAL DISTRICT.

Comprising parts of Wards 2 and 3, all of Wards 4, 5, 6, and 7.

JAMES H. ROWELL, *Supt. of Streets*, in charge.

General Repairs.

Labor pay-rolls,	\$7,091.02
James H. Rowell, services, self and team, . . .	1,092.00
Horace Hammond, services,	348.00
Batchelder & Co., grain,	449.54
James R. Hill & Co., blanket,	3.25
S. M. Chesley, blacksmithing,	3.21
C. R. Cass,	13.35
J. E. McShane,	14.00
G. A. Dunmore,	47.05
W. S. Davis & Son,	63.74
J. C. Richardson, exchange on pair horses, . . .	150.00
Robert J. Maguire, veterinary services, . . .	10.00
W. H. Hammond, hay,	12.06

George L. Theobald, hay,	\$45.55	
Concord Water-Works, water for troughs,	140.00	
F. H. Whitney, services,	27.15	
H. Hammond, use of carts 1884, 1885,	20.00	
Humphrey, Dodge & Smith, hardware,	13.07	
W. D. Thompson, hardware,	65.24	
J. D. Johnson & Son, harness repairs,	6.02	
W. H. Hammond, use of horse,	9.00	
Geo. L. Theobald, horse bought,	90.00	
S. C. Jenness, watering-trough,	3.00	
Woodworth, Dow & Co., cement,	1.50	
Geo. Tyler, castings for road machines,	19.00	
G. B. Emmons, expense on horse,	4.30	
Sargent & Sullivan, shives for derrick,	5.50	
Batchelder & Co., oil, etc.,	1.92	
C. H. Martin & Co., paints,	13.02	
M. H. Johnson, stone,	22.00	
A. C. Sanborn, powder,	2.64	
John T. Dodge, agent, road gravel,	10.75	
Chas. Nutting, road gravel,	21.00	
J. H. Rowell, "	66.50	
Holt Brothers, lumber,	3.00	
J. F. Hoit, spiced food,	3.50	
Rowell & Co., concrete paving,	336.24	
G. B. Little, cutting bushes,	2.50	
H. W. Clapp & Co., niggerheads, etc.,	35.00	
W. P. Ford & Co., plow points, etc.,	13.73	
Ordway & Ferrin, mason-work,	6.07	
Moses Brown, damage to land,	10.00	
J. H. Rowell, cash paid out,	4.41	
	<hr/>	\$10,298.83

Bridges and Culverts.

Labor pay-rolls,	\$155.25
Horace Hammond, services,	42.00
M. T. Ladd, lumber,	25.76
A. C. Holt, lumber,	4.56
G. W. Chesley, chestnut plank,	326.62
St. Paul's School, lumber,	16.79
John Whitaker, lumber,	18.00

R. K. Buzzell, lumber,	\$3.00	
E. B. Hutchinson, lumber,	9.35	
N. P. Richardson, lumber,	2.75	
Mary Adams, lighting Free Bridge,	52.00	
H. W. Brickett, oil and chimneys,	5.64	
E. A. F. Hammond, lighting lower bridge,	55.56	
Stewart & Sons, bridge lamp, . . . . .	.48	
Curtis White, surveying lumber,	2.40	
W. S. Davis & Son, blacksmithing,	35.75	
P. Messer, labor on derrick,	18.00	
Connell & Savory, painting iron bridge,	135.00	
S. F. Patterson, new roofing Sewall's Falls bridge,	400.00	
S. F. Patterson, repairs Free bridge,	40.00	
	<hr/>	\$1,348.91

Fences and Signs.

Labor pay-rolls,	\$24.25	
G. W. Chesley, posts,	6.84	
Ford & Kimball, iron posts,	14.14	
George Prescott, guide-boards,	4.00	
	<hr/>	\$49.23

Macadamizing.

Labor pay-rolls,	\$1,134.66	
Geo. Goodhue, work on boiler,	3.11	
G. A. Dumore, blacksmithing,	8.22	
Concord Water-Works, water for crusher,	6.00	
G. T. Comins, wood,	9.00	
Ranlet & Marsh, coal,	56.00	
H. Hammond, services,	70.00	
Morrill & Danforth, insurance on crusher,	30.00	
Farrel Foundry Co., castings,	29.39	
M. H. Bradley, rent of land,	60.00	
	<hr/>	\$1,406.38

Sidewalks and Crossings.

Labor pay-rolls,	\$111.00	
H. C. Robinson, teamster,	15.00	
H. Hammond, services,	13.00	
Rowell & Co., concreting,	2,169.21	
M. H. Johnson, edgestone,	126.00	

B. E. Badger, surveying,	\$36.99	
Merrill Dyer, stone-work,	10.00	
Wm. Shackford, sand,	6.40	
J. C. Ordway, proportion of brick walk, .	17.68	
Rowell & Co., patching concrete walks, .	78.90	
Mrs. F. R. Thurston, stone,	1.50	
G. A. Dumore, blacksmithing,	1.45	
Foss & Merrill, surveying,	10.25	
	<hr/>	\$2,597.38

Cleaning and Sprinkling Streets.

Labor pay-rolls,	\$1,297.38	
Horace Hammond, services,	15.00	
H. C. Robinson, teamster,	458.00	
Abbot-Downing Co., new sprinkler, . . .	350.00	
W. S. Davis & Son, rebuilding old sprinkler,	128.82	
M. J. Warde, hose for sprinklers, . . .	12.50	
J. A. Dadmun, repairs sprinklers, . . .	5.00	
Stevens & Duucklee, repairs sprinklers, .	8.67	
W. S. Davis & Son, "	56.53	
Abbot-Downing Co., repairs sweeper, . .	32.00	
Sam'l Eastman & Co., hose couplers, &c.,	27.75	
Concord Water-Works, water for sprinkling,	400.00	
H. M. Cook, collecting sprinkling subscrip-		
tions,	60.00	
	<hr/>	\$2,851.65

Breaking Roads.

Labor pay-rolls,	\$948.11	
H. Hammond, services,	144.60	
H. C. Robinson, teamster,	127.00	
Geo. B. Little, services,	3.40	
Cleaning skating place,	36.00	
	<hr/>	\$1,258.51

BOROUGH DISTRICT.

GEO. F. SANBORN in charge.

Geo. F. Sanborn, pay-rolls,	\$254.67
Penacook precinct, lighting Borough bridge,	25.00

W. H. Hammond, services,	\$1.50	
John Whitaker, lumber,	7.00	
G. F. Sanborn, stone-work,	80.00	
	<hr/>	\$368.17

EAST CONCORD RIVER DISTRICT.

JOSIAH S. LOCKE in charge.

Josiah S. Locke, pay-rolls,	\$21.50	
Chas. C. Graham, watering-trough, . .	3.00	
	<hr/>	\$24.50

EAST CONCORD VILLAGE DISTRICT.

ANDREW S. FARNUM in charge.

Andrew S. Farnum, pay-rolls,	\$368.62	
W. H. Hammond, services,	4.50	
Henry A. Jones, lumber,	18.14	
Andrew S. Farnum, stone-work,	21.00	
Fales P. Virgin, watering-trough, 1885,		
1886,	6.00	
	<hr/>	\$418.26

EAST SEWALL'S FALLS DISTRICT.

SIMEON FARNUM in charge.

Simeon Farnum, pay-rolls,	\$126.79	
John Whitaker, lumber,	104.80	
Simeon Farnum, "	17.38	
	<hr/>	\$248.97

HORSE HILL DISTRICT.

ROBERT B. HOIT in charge.

Robert B. Hoit, pay-rolls,	\$57.50	
W. H. Hammond, services,	1.50	
G. I. Colby, watering-trough,	3.00	
	<hr/>	\$62.00

HOT HOLE POND DISTRICT.

LYMAN A. HALL in charge.

Lyman A. Hall, labor pay-rolls,	\$14.01
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LITTLE POND ROAD DISTRICT.

LOWELL BROWN in charge.

Lowell Brown, labor pay-rolls,	\$6.37
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LONG POND NORTH DISTRICT.

DAVID W. HOBBS in charge.

David W. Hobbs, labor pay-rolls,	\$34.50
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MAST YARD DISTRICT.

ANDREW P. BENNETT in charge.

Andrew P. Bennett, labor pay-rolls,	\$33.02	
W. D. Perkins, watering-trough,	3.00	
W. H. Hammond, services,	1.50	
	<hr/>	\$37.52

MOUNTAIN DISTRICT.

HUGH TALLANT in charge.

Hugh Tallant, labor pay-rolls,	\$103.54
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NORTH CONCORD DISTRICT.

E. P. FARNUM in charge.

Geo. F. Hayward, labor pay-rolls,	\$16.75	
E. P. Farnum, "	86.88	
	<hr/>	\$103.63

NUMBER FOUR DISTRICT.

FRANK E. DIMOND in charge.

Frank E. Dimond, labor pay-rolls,	\$179.85	
W. H. Hammond, services,	6.00	
	<hr/>	\$176.85

NUMBER FIVE DISTRICT.

WM. B. THOMPSON in charge.

Wm. B. Thompson, labor pay-rolls,	\$95.88	
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PENACOOK DISTRICT.

HENRY MORRILL in charge.

Henry Morrill, labor pay-rolls,	\$850.32	
C. C. Bean, "	217.08	
Penacook precinct, lighting Twin bridge,	25.00	
Fred G. Chandler, breaking roads,	3.00	
S. G. Sanborn, blacksmithing,	13.70	
W. H. Hammond, services,	3.00	
A. H. Urann, painting fence,	1.00	
N. S. Gale & Co., hardware,	4.67	
Foote, Brown & Co., hardware,	1.12	
John Whitaker, lumber,	9.45	
Geo. Fuller, gravel,	3.90	
C. M. & A. W. Rolfe, watering-trough,		
1884, 1885, 1886,	9.00	
	<hr/>	\$1,141.24

PENACOOK INTERVALE DISTRICT.

J. T. GILMAN in charge.

J. T. Gilman, labor pay-rolls,	\$51.90	
A. J. Smith, watering-trough,	3.00	
	<hr/>	\$54.90

POTTER STREET DISTRICT.

HENRY H. POTTER in charge.

J. T. Tenney, watering-trough, . . .	\$3.00	
H. H. Potter, labor pay-rolls, . . .	162.20	
J. T. Batchelder, services, . . .	6.61	
W. H. Hammond, " . . .	4.50	
	<hr/>	\$176.31

SANBORN DISTRICT.

MOSES C. SANBORN in charge.

Moses C. Sanborn, labor pay-rolls, . . .	\$18.00
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SNAPTOWN DISTRICT.

JOHN W. BOURLET in charge.

John W. Bourlet, labor pay-rolls, . . .	\$24.96
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VIRGIN DISTRICT.

FRANK P. BATCHELDER in charge.

Frank P. Batchelder, labor pay-rolls, . . .	\$2.50
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WEST CONCORD VILLAGE DISTRICT.

H. H. FARNUM in charge.

H. H. Farnum, labor pay-rolls, . . .	\$482.09	
Humphrey, Dodge & Co., Akron pipe, .	27.72	
John Whitaker, lumber, . . .	11.00	
W. H. Hammond, services, . . .	3.00	
Holmes & Hathorn, stone-work . . .	10.40	
	<hr/>	\$534.21

WEST SEWALL'S FALLS DISTRICT.

H. H. FARNUM in charge.

C. L. & W. P. Co., breaking roads, . . .	\$12.00	
E. S. Carpenter, labor,	22.00	
W. H. Hammond, services,	1.50	
	<hr/>	\$35.50
Total highway expense,		<hr/> \$23,492.71

INCIDENTALS AND LAND DAMAGES.

Appropriation for 1886,	\$6,000.00	
Special appropriation for 1886,	6,000.00	
Received of Merrimack county,	12.50	
J. W. Johnson, for liquors returned,	371.70	
James H. Rowell, for house bought,	400.00	
Emma Osgood, rent of land,	3.00	
G. & H. Partridge, rent of pasture,	40.00	
Horace Hammond, for grass,	6.00	
E. H. Runnells, for grass,	10.00	
Kimball & Danforth, rent of sheds,	12.00	
Fairbanks & Huntley, rent of sheds,	2.25	
White & Huntley, rent of sheds,	3.00	
R. P. Sanborn, rents,	43.50	
G. W. Waters, rent of land,	25.00	
	<hr/>	\$12,928.95
Deficiency brought from transfer account,	2,317.22	
	<hr/>	\$15,246.17

Paid as follows :

R. P. Sanborn, city messenger, . . .	\$247.63
A. R. Ayers, supplies,	1.00
Jackman & Lang, insurance,	61.50
“ “ rent collector's office,	100.00
Morrill & Danforth, insurance, . . .	100.00
N. E. Telephone Co., use of telephones,	192.25
Joseph A. Cochran, return of births,	
deaths, &c.,	100.20
John H. Maynard, overtax refunded, .	18.00
J. H. Lane, committee expense, . . .	12.00
F. J. Batchelder, “	12.00
Dr. S. D. Marden, services,	1.00
D. F. Secomb, numbering houses, . . .	2.60
C. H. Herbert, land damages,	2,500.00
Benjamin W. Couch, “	500.00
Walter S. Blanchard, “	890.00
Patrick Ahern, 2d, “	300.00
John W. Kirk, “	1,400.00
J. H. Rowell, “	275.50
W. A. Sleeper, “	375.00
E. D. Clough & Co., “	900.00
Sarah P. Lamprey, “	475.00
John Bartlett, “	25.00
Walter S. Blanchard, “	10.00
Levi Lamprey, “	8.00
Geo. S. Kellom, “	13.30
Ranlet & Marsh, coal,	87.00
Geo. L. Theobald, cartage, &c.,	15.00
Staniels, Allison & Co., insurance, . .	29.00
Robertson, Rowell & Co., ice for foun-	
tains,	54.06
Ranlet & Marsh, ice for fountains, . .	25.50
J. A. Cochran, cash paid out,	41.93
E. B. Hutchinson, surveyor's stakes, .	5.10
Hobbs, Gordon & Co., repairs on furnace,	3.12
C. H. Ordway, recording deeds,	3.10
E. H. Randall, repairs on furnace, . . .	6.21
Brown & Abbott, teams for assessors, .	15.00

Thomas M. Lang, 2d. cash paid, . . .	\$48.13
Concord Gas Co., gas,	206.38
John C. Webster, over-tax refunded, . . .	13.04
Charles H. Potter, broken leg,	146.50
Sarah E. Clifford, broken wrist,	80.00
James C. Carlton, personal injuries, . . .	48.00
Hattie L. Carter, personal injuries, . . .	199.00
F. A. Stillings, damage to horse,	98.00
Mrs. Oliver Fuller, personal injuries, . . .	82.50
Patrick Kelley, execution for damages, . .	3,174.53
Franklin D. Frost, settlement of suit, . .	1,500.00
Humphrey, Dodge & Smith, supplies, . . .	5.64
Concord Water-Works, water,	44.00
Foss & Merrill, plans and surveys,	178.15
Dr. A. C. Alexander, return of births, &c., .	2.75
N. A. Tuttle, repairs city clocks,	7.40
Howard Watch Co., repairs city clocks, . .	41.15
J. M. Stewart & Son, matting,	22.83
E. E. Clarke, selling Kirk house,	5.00
C. F. Batchelder, posting notices,	1.35
Albin & Martin, costs in Eastman case, . .	22.36
George Goodhue, gas fixtures,	2.50
R. A. Ray, clerical work,	18.75
J. H. Ballard, insurance,	3.00
J. A. Cochran, stamps,	5.30
Geo. Prescott, painting health notice, . .	5.00
E. A. Miller & Son, labor,	3.25
J. B. Sanborn, town officer,	2.50
Norris A. Dunklee, livery,	5.00
W. M. Darrah, work city hall,	20.03
Gust Walker, for Ward 5 ward-room, . . .	25.00
W. W. Allen, expense Ward 1 ward-room, .	3.35
H. B. Peabody, expense Ward 3 ward-room, .	2.50
John Chadwick, telephone service,	10.00
Geo. A. Foster, livery,	4.25
John Whitaker, account Horse Hill cemetery, .	30.00
John Connell, services as health officer, . .	23.50
H. C. Cummings, " " " " " " " " " "	23.00
Woodman & Robinson, rent mayor's office, .	65.00

Richard H. Ayer, care of clocks, . . .	\$85.00	
John C. Linehan, sub-registrar, . . .	4.80	
Frank H. George, supplies, . . .	.85	
Dr. A. E. Emery, health officer, . . .	8.00	
M. H. Johnson, boundary posts, . . .	2.50	
Town of Hopkinton, boundary posts, . .	6.00	
E. H. Woodman, stamps, &c., . . .	12.63	
Physicians' pay-roll for return of births and deaths,	142.75	
	<hr/>	\$15,246.17

POLICE AND WATCH.

Appropriation for 1886,	\$5,000.00	
Received of S. Dana, police justice, . .	742.51	
" B. E. Badger, police justice, . .	165.50	
	<hr/>	\$5,908.01
Surplus carried to transfer account, . .	318.79	
	<hr/>	\$5,589.22

Paid as follows :

John Connell, salary,	\$900.00
James E. Rand, salary,	800.00
Charles H. Jones, salary,	800.00
E. A. F. Hammond,	800.00
Sylvester Dana, police justice,	480.00
B. E. Badger, police justice,	120.00
Charles H. Green, assistant marshal, . .	350.00
" cash paid out,	14.44
John Connell, cash paid out,	54.73
R. P. Staniels, clerk police court, . . .	200.00
Frank K. Jones, rent,	200.00
G. H. Dimond, special police,	48.50
W. R. Green, "	92.30
Robert Crowther, "	5.60
Chas. P. Sanborn, legal services,	7.50
Robert A. Ray, "	16.50
B. E. Badger, special justice,	8.00
Will A. Little, police service,	53.35

Simeon Partridge, police service, . . .	\$24.00	
Ranlet & Marsh, coal and ice, . . .	92.06	
C. N. Bean, coal,	15.75	
Concord Gas Co., gas,	47.40	
Penacook precinct, lighting lobby lamp,	24.75	
Batchelder & Co., supplies,	12.36	
Concord Water-Works, water,	6.00	
George A. Foster, livery,	65.00	
J. P. Lovell's Sons, handkerchiefs, . . .	8.00	
Dodge & Bickford, livery,	5.00	
Stevens & Dunklee, supplies,	6.98	
Eli Hanson, police service,	2.80	
H. E. Chamberlain, police service, . . .	6.20	
John Chadwick, rent assistant marshal's office,	36.00	
Pay-roll special police,	286.00	
	<hr/>	85,589.22

COMMITTEE SERVICE.

Appropriation for 1886, \$1,140.00

Paid as follows :

Henry F. Brown, alderman,	\$60.00
Chas. H. Sanborn, "	60.00
Chandler Eastman, "	60.00
John C. Thorn, "	60.00
Richard M. Ordway, "	60.00
Frank L. Sanders, "	60.00
Albert B. Woodworth, "	60.00
Irvin S. Ring, "	75.00
Gardner B. Emmons, "	75.00
Joseph H. Lane, "	60.00
Leland A. Smith, "	60.00
Daniel B. Smith, "	60.00
David F. Dudley, councilman,	30.00
Samuel L. French, "	30.00
Gilman H. Dimond, "	30.00
James F. Rooney, "	30.00

William H. Kenney, councilman,	.	.	.	\$30.00
James K. Kennedy,	"	.	.	30.00
Freeborn S. Abbott,	"	.	.	45.00
Warren H. Corning,	"	.	.	30.00
Horace S. Fairbanks,	"	.	.	30.00
Hiram O. Marsh,	"	.	.	30.00
Frank J. Batchelder,	"	.	.	45.00
George H. Mills,	"	.	.	30.00
				<hr/>
				\$1,140.00

SALARIES.

Appropriation for 1886,	.	.	.	\$5,500.00
Deficiency brought from transfer account,				351.18
				<hr/>
				\$5,851.18

Paid as follows :

E. H. Woodman, salary as mayor,	.	\$500.00
E. H. Woodman, com'r of highways,	.	600.00
Joseph A. Cochran, city clerk,	.	800.00
William F. Thayer, treasurer,	.	250.00
L. L. Mower, clerk of council,	.	50.00
Abial Rolfe, assessor Ward 1,	.	252.00
John Potter, " " 2,	.	123.00
Timothy Carter, " " 3,	.	120.00
Gilbert H. Seavey, " " 4,	.	270.00
Curtis White, " " 5,	.	156.00
Geo. S. Dennett, " " 6,	.	198.00
J. B. Weeks, " " 7,	.	219.00
C. T. Huntoon, collector,	.	79.12
Thomas M. Lang, 2d, collector,	.	1,010.06
J. A. Cochran, overseer of poor, Central,		150.00
Henry F. Brown, " Ward 1,		25.00
Charles H. Sanborn, " " 2,		10.00
Board of Education, Union District,	.	225.00
" District No. 3,	.	18.00
" " " 12,	.	18.00
" " " 20,	.	27.00
Abial Rolfe, supt. school committee,	.	56.66
W. W. Flint, " " .	.	56.68

Geo. H. Curtis, supt. school committee, .	\$56.66	
H. W. Stevens, solicitor,	300.00	
Board of assessors, extra services, .	87.00	
Selectmen's pay-roll, 7 wards,	100.00	
Ward clerks' " "	70.00	
Moderators' " "	21.00	
Frank P. Curtis, records Ward 2, . . .	1.00	
Robert H. Rolfe, " 5,	1.00	
Chas. A. Davis, " 4,	1.00	
	<hr/>	\$5,851.18

PRINTING AND STATIONERY.

Appropriation for 1886,	\$1,000.00	
Deficiency brought from transfer account, .	97.24	
	<hr/>	\$1,097.24

Paid as follows :

Republican Press Association,	\$732.02	
Ira C. Evans,	4.00	
Frank G. Edgerly,	22.25	
N. H. Democratic Press Co.,	29.95	
Frank J. Batchelder,	192.92	
John B. Clarke,	4.50	
G. H. H. Silsby & Son,	111.60	
	<hr/>	\$1,097.24

PROFESSIONAL SERVICES.

Appropriation for 1886,	\$750.00	
Surplus carried to transfer account, .	89.05	
	<hr/>	\$669.95

Paid as follows :

Albin & Martin, legal services,	\$4.50	
B. F. Tucker, sheriff,	1.99	
H. W. Stevens, cash paid out,	7.00	
W. L. Foster, legal services,	275.44	
R. A. Ray, "	15.00	
D. F. Dudley, "	108.39	

Chas. H. Green, witness fees and expense,	\$41.43	
Frank Barber, witness expenses, . . .	16.20	
Harry G. Sargent, legal services, . . .	10.00	
Dr. A. E. Emery, expert witness, . . .	25.00	
Dr. A. H. Crosby, " . . .	75.00	
Dr. C. R. Walker, " . . .	75.00	
A. J. Shurtleff, taking deposition, . . .	15.00	
	<hr/>	\$669.95

SCHOOLS.

Unexpended balance of 1885, . . .	\$2,411.45	
Appropriation for 1886, . . .	22,225.00	
Walker fund interest, . . .	60.00	
Additional in Union District, . . .	8,885.67	
" " (text-books), . . .	1,000.00	
" " manual training, . . .	1,200.00	
" district No. 3, . . .	506.00	
" " 20, . . .	300.00	
Literary fund, . . .	1,649.92	
Dog tax 1884 and 1885, balance, . . .	305.50	
	<hr/>	\$38,543.54
Balance due school-districts, . . .	15,582.09	
	<hr/>	\$22,961.45

Paid as follows :

Edward Runnells, district No. 1, . . .	\$100.50	
Geo. R. Parmenter, " 3, . . .	1,570.50	
R. K. Abbott, " 5, . . .	122.75	
Alfred Clark, " 7, . . .	69.75	
G. W. Chesley, " 8, . . .	98.35	
Elbridge Emery, " 12, . . .	629.50	
Charles W. Brown, " 18, . . .	45.00	
Geo. W. Abbott, " 20, . . .	2,175.10	
L. J. Rundlett, Union District, . . .	16,800.00	
Town school district committee, . . .	1,350.00	
	<hr/>	\$22,961.45

SCHOOL-HOUSE TAXES.

Appropriation for steam-fitting, Union District,	\$2,500.00	
Appropriation for insurance, Dist. No. 12,	20.00	
“ steam-heating, “ 20,	500.00	
“ Pembroke proportion school-houses,	150.00	
Appropriation for Bow proportion school-houses,	135.92	
Appropriation for Hopkinton proportion school-houses,	322.27	
	<hr/>	\$3,628.19
Balance due town of Bow,	135.92	
	<hr/>	\$3,492.27

Paid as follows :

Louis J. Rundlett,	\$2,500.00	
Elbridge Emery,	20.00	
George W. Abbott,	500.00	
Town of Pembroke,	150.00	
Town of Hopkinton,	322.27	
	<hr/>	\$3,492.27

PUBLIC LIBRARY.

Appropriation for 1886,	\$2,200.00
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Paid as follows :

Board of Trade Building, rent,	\$400.00
D. F. Secomb, salary,	600.00
“ incidentals,	7.00
S. E. Cassino & Co.,	4.00
J. N. McClintock, books,	28.85
Charles R. Corning, books,	78.30
Ticknor & Co., books,	48.75
Charles F. Hurlburt, books,	8.50
Ira C. Evans, printing,	103.50
Robertson, Rowell & Co., fuel,	35.13

Charles E. Carter,	\$2.25	
E. E. Hale, books,	46.50	
Concord Gas Light Co.,	46.74	
D. L. Guernsey, books,	101.81	
Insurance,	25.00	
Edson C. Eastman, books,	405.68	
A. Baker, books,	3.75	
Emile Pingault, books,	5.00	
Mrs. A. Fletcher, papers,	12.00	
Estes & Lanriat, books,	30.00	
Houghton, Mifflin & Co., books,	15.00	
Chas. Scribner's Sons, books,	10.00	
Republican Press Association, printing,	50.36	
Cupples, Upham & Co., books,	22.03	
Robinson & Ballou,	1.20	
David Shaw, carpentering,	81.29	
E. Whitefield, books,	15.00	
S. W. Hurd,	3.85	
Universalist Publishing Society, . . . .	.67	
W. H. Behler,	3.00	
J. H. Hill, agent,	4.75	
	<hr/>	\$2,200.00

PENACOOK PARK.

Appropriation for 1886,	\$250.00	
Received for rent of pavilion,	8.50	
“ wood sold,	1.00	
	<hr/>	\$259.50
Surplus carried to transfer account,	41.71	
	<hr/>	\$217.79

Paid as follows :

O. F. Richardson, pay-rolls,	\$109.69
George Partridge, labor,	4.87
A. H. Urann, painting,	17.86
John Whitaker, lumber,	19.57
O. F. Richardson, superintendent's salary,	50.00

J. M. Crossman, labor,	\$2.80	
Eastman & Co., supplies,	4.31	
Humphrey, Dodge & Smith, supplies,	8.44	
James W. Welch, express, . . . . .	.25	
	<hr/>	\$217.79

DECORATION DAY.

Appropriation for 1886,	\$200.00	
Paid as follows :		
E. E. Sturtevant Post, G. A. R.,	\$130.00	
W. I. Brown Post, G. A. R.,	50.00	
Davis Post, G. A. R.,	20.00	
	<hr/>	\$200.00

BEDS AT CONCORD HOSPITAL.

Appropriation for 1886,	\$900.00	
Paid as follows :		
W. F. Thayer, treasurer Concord Hospital,	900.00	

EAST CONCORD RESERVOIR.

By appropriation for 1886,	\$200.00	
Paid as follows :		
Ordway & Ferrin, per contract,	200.00	

RECEIVING TOMB.

Special appropriation for completion,	\$550.00	
Surplus carried to transfer account,	46.41	
	<hr/>	\$596.41
Paid as follows :		
Sam'l E. Clifford, loam, turf, &c.,	\$175.43	
Ordway & Ferrin, mason-work,	116.63	
Rowell & Co., concreting,	35.00	

Foss & Merrill, surveying, . . .	\$6.50	
Munns & Paige, ventilators, &c., . .	15.15	
P. W. Webster, labor, &c., . . .	12.15	
Connell & Savory, labor, &c., . . .	3.13	
Frederick Booth, iron-work, . . .	175.00	
		<hr/>
		\$538.99
Received of J. H. Chase, balance from 1885,		35.40
		<hr/>
		\$503.59

PRECINCT.

By balance of appropriation for 1885,	\$2,220.90	
Appropriation for int. on state-house loan,	2,400.00	
“ lighting streets, . . .	3,300.00	
“ water for hydrants, . . .	3,000.00	
“ sewers, . . .	2,100.00	
“ int. on sewer notes, . . .	380.00	
“ electric lights, . . .	1,000.00	
Received of Concord Water-Works, labor,	7.87	
Received for old lamp-posts, . . .	36.00	
		<hr/>
		\$14,444.77
Balance precinct fund, unexpended, . . .	2,070.36	
		<hr/>
		\$12,374.41

Lighting Streets.

Paid Concord Gas Light Co., gas, . . .	\$3,042.26	
W. D. Thompson, glass, . . .	10.80	
Clapp & Co., lamp-post steps, . . .	42.75	
Nath'l Tufts, glass street signs, . . .	15.80	
Henry A. Rowell, labor on lanterns,	14.00	
William Rowell, repairing lamps, . . .	15.00	
Stevens & Hammond, electric lights,	316.00	
Concord Electric Light Co., electric		
lights, . . .	250.00	
		<hr/>
		\$3,706.61

Hydrants.

Paid Concord Water-Works, . . .	\$3,180.00
---------------------------------	------------

Interest.

Paid interest on sewer notes, . . .	\$380.00	
“ state-house loan, . . .	2,426.00	
		<hr/>
		\$2,806.00

Sewers.

Paid labor pay-rolls on file,	\$580.27	
Woodworth, Dow & Co., cement,	127.50	
Frank Coffin, cement,	66.00	
Samuel Holt, brick,	609.37	
W. D. Thompson, sewer-pipe,	478.58	
Ordway & Ferrin, brick-laying,	356.00	
G. L. Theobald, carting,	11.25	
E. A. Cushing, carting,	13.20	
Foss & Merrill, surveying,	11.12	
John Sweeney, damage to crops,	10.00	
Concord Railroad, gravel,	51.00	
Lyman R. Fellows, building stone outlet,	311.95	
Ordway & Ferrin, connecting sewers,	55.56	
	<hr/>	\$2,681.80
		<hr/>
		\$12,374.41

LIGHTING STREETS—PENACOOK.

Appropriation for 1886,	\$450.00
Paid John McNeil,	450.00

RECAPITULATION.

State tax,	\$25,372.00
County tax,	24,466.57
Interest,	6,501.67
Paupers,	2,870.34
Fire department,	12,683.22
Highways, including bridges,	23,492.71
Incidentals and land damages,	15,246.17
Police and watch,	5,589.22
Committee service,	1,140.00
Salaries,	5,851.18
Printing and stationery,	1,097.24

Professional services,	\$669.95
Schools,	22,961.45
School-house taxes,	3,492.27
Public library,	2,200.00
Penacook park,	217.79
Decoration day,	200.00
Beds at Concord Hospital,	900.00
East Concord reservoir,	200.00
Receiving tomb,	503.59
Precinct, including sewers and lights,	12,374.41
Lighting streets, Ward 1,	450.00
	<hr/> \$168,479.78

ACCOUNTS KEPT BY THE CITY CLERK FOR CONVENIENCE OF REFERENCE, BUT NOT INVOLVING EXPENSE TO THE CITY.

TRANSFER ACCOUNT.

Made up from unexpended balances of appropriations, and drawn upon, as allowed by city ordinance, to meet deficiencies by transfer to other appropriations.

Dr.

For balance brought from transfer acc't of 1885, . . .	\$3,590.73
To amount brought from police and watch, . . .	318.79
" " professional services, . . .	80.05
" " Penacook park, . . .	41.71
" " highways, . . .	983.86
" " receiving tomb, . . .	46.41
	<hr/> \$5,061.55

Cr.

By am't carried to pauper account, . . .	\$1,316.59
" fire department, . . .	609.84
" incidentals, . . .	2,317.22
" salaries, . . .	351.18
" printing and stationery, . . .	97.24
Balance carried to transfer account 1887, . . .	369.48
	<hr/> \$5,061.55

STONE QUARRIES.

Received of B. T. Putney, . . .	\$117.76	
“ Jos. Gray, . . .	29.25	
“ Crowley & Quinn, . . .	2.80	
	<hr/>	\$149.81

DOG TAX.

Amount of dog tax, 1886, . . .	\$388.00	
Paid Andrew S. Farnum, sheep killed, .	\$22.00	
Daniel B. Sanborn, “ .	13.00	
Ellen D. Kimball, “ .	5.00	
Joseph W. Elliott, “ .	10.00	
Balance carried to 1887, . . .	338.00	
	<hr/>	\$388.00

DEPARTMENT REPORTS.

ANNUAL REPORT
OF THE
WATER COMMISSIONERS.

BOARD OF WATER COMMISSIONERS.

EDGAR H. WOODMAN, Mayor, *ex-officio*.

JAMES L. MASON	to March 31, 1887.
JOSEPH H. ABBOT	to March 31, 1887.
SAMUEL S. KIMBALL	to March 31, 1888.
GEORGE A. YOUNG	to March 31, 1888.
JOHN KIMBALL	to March 31, 1889.
WILLIAM M. CHASE	to March 31, 1889.

OFFICERS.

JOHN KIMBALL, *President*.

WILLIAM M. CHASE, *Clerk*.

V. C. HASTINGS, *Superintendent*.

SUMMARY OF STATISTICS.

Concord, New Hampshire, Water-Works.

Population of city by census of 1880, 13,845

Population of that portion of the city included within
the water precinct, estimated, 12,000

Date of construction, 1872 ; additions since.

Works are owned by the city.

Source of supply, Lond Pond, a natural body of water containing 265 acres, situated about three miles and a half from the state-house, and about 125 feet higher than Main street in front of the state-house.

Mode of supply, gravity.

FINANCIAL.

MAINTENANCE.

Receipts.	Expenditures.
From consumers (mostly for domestic uses and at fixed rates), . . . \$27,451.33	For management and re- pairs, \$3,142.03
From city water pre- cinct, for use of hy- drants, 3,180.00	For new distribution pipes, 3,779.27
From rents, &c., . . . 231.31	For new service pipes, . . . 767.50
From cash on hand at the close of 1885, . . . 1,972.58	For land purchased, . . . 1,500.00
	For interest on bonds, . . . 22,720.00
	Balance carried to next year's account, . . . 926.42
<u>\$32,835.22</u>	<u>\$32,835.22</u>

CONSTRUCTION.

No separate construction account has been kept. The works have cost about \$425,000. Of this sum, \$393,000 was raised from the sale of bonds of the city: \$350,000 of these bonds bear six per cent. interest, and the balance four per cent. The remainder of the cost of the works has been paid in part from the income, and in part by taxation. It will be noticed that items properly chargeable to construction account are included in the expenditures of the present year. Similar expenditures have been made each year.

FIRE-HYDRANTS.

STREETS.	LOCATIONS.	Number.	Total.
Main.	South-west corner North Main and Penacook.....	1	
"	East side North Main, near J. B. Walker's.....	1	
"	Junction North Main and Fisk.....	1	
"	North-west corner North Main and Franklin.....	1	
"	" " Washington.....	1	
"	East side North Main, opposite Chapel.....	1	
"	North-west corner North Main and Court.....	1	
"	East side North Main, opposite Montgomery.....	1	
"	South-east corner North Main and Bridge.....	1	
"	South-west corner North Main and Park.....	1	
"	North-west corner North Main and Capitol.....	1	
"	" " School.....	1	
"	East side North Main, opposite Phenix Hotel building.....	1	
"	East side North Main, in rear Eagle Hotel.....	1	
"	East side North Main, in rear Woodward block.....	1	
"	North-west corner North Main and Warren.....	1	
"	South-east corner North Main and Depot.....	1	
"	North-west corner North Main and Pleasant.....	1	
"	North-east corner South Main and Freight.....	1	
"	North-west corner South Main and Fayette.....	1	
"	East side South Main, opposite Thompson.....	1	
"	North-west corner South Main and Cross.....	1	
"	" " Thorndike.....	1	
"	" " Perley.....	1	
"	East side South Main, opposite Abbot-Downing Co.'s.....	1	
"	North-west corner South Main and West.....	1	26
Turnpike.	West side Turnpike, opposite Gas.....	1	
"	" " near J. B. Weeks's.....	1	2
Water.	West side Water, near Capt. James Thompson's.....	1	1
Hall.	West side Hall, below Rolfe and Rumford Asylum.....	1	1
State.	North-west corner North State and Penacook.....	1	
"	" " Walker.....	1	
"	" " Church.....	1	
"	" " Tremont.....	1	
"	North-east corner North State and Washington.....	1	
"	West side North State, opposite Court.....	1	
"	North-west corner North State and Maple.....	1	
"	North-east corner North State and Centre.....	1	
"	East side North State, opposite state-house.....	1	
"	South-west corner North State and School.....	1	
"	North-west corner North State and Warren.....	1	
"	" " Pleasant.....	1	
"	East side South State, opposite Wall.....	1	
"	North-west corner South State and Thompson.....	1	
"	South-west corner South State and Monroe.....	1	
"	East side South State, opposite Laurel.....	1	
"	South-east corner South State and Downing.....	1	
"	North-east corner South State and West.....	1	
"	Junction of South State and Turnpike.....	1	19
Green.	East side Green, opposite Prince.....	1	1
South.	West side South, opposite Wall.....	1	
"	North-west corner South and Fulton.....	1	
"	West side South, opposite Monroe.....	1	
"	" " Laurel.....	1	
"	" " Downing.....	1	
"	" " Allison.....	1	
"	" " Abbot farm.....	1	
"	" " Smith farm.....	1	8
Spring.	South-west corner South Spring and Oak.....	1	
"	West side South Spring, opposite Cross.....	1	
"	" " Perley proposed extension.....	1	3
Bradley.	East side Bradley, opposite Highland.....	1	1
Rumford.	West side Rumford, opposite Perkins.....	1	
"	North-east corner Rumford and Franklin.....	1	
"	West side Rumford, opposite Beacon.....	1	3

FIRE-HYDRANTS—*Continued.*

STREETS.	LOCATIONS.	Number.	Total.
Church.	North side Church, opposite Lyndon.....	1	1
Franklin.	North-west corner Franklin and Jackson.....	1	1
Centre.	“ Centre and North Spring.....	1	
“	“ Centre and Rumford.....	1	
“	South-west corner Centre and Pine.....	1	3
Washington.	“ Washington and Union.....	1	
“	North-west corner Washington and Rumford.....	1	2
School.	“ School and North Spring.....	1	
“	“ School and Merrimack.....	1	
“	South-east corner School and Giles.....	1	3
Warren.	“ Warren and Green.....	1	
“	“ Warren and North Spring.....	1	
“	“ Warren and Rumford.....	1	
“	South-west corner Warren and Merrimack.....	1	
“	North-west corner Warren and Tahanto.....	1	
“	South-east corner Warren and Liberty.....	1	
“	Junction Warren and Pleasant, near Fruit.....	1	7
Minot.	West side Minot, near Odd Fellows' Home.....	1	1
Jackson.	North-west corner Jackson and Beacon.....	1	1
Pleasant.	“ Pleasant and Green.....	1	
“	“ Pleasant and Rumford.....	1	
“	South side Pleasant, opposite Pine.....	1	
“	“ “ Liberty.....	1	4
West.	North side West, near Mills.....	1	
“	“ opposite Dakin.....	1	
“	“ at intersection Broadway.....	1	3
Railroad sq.	North-west corner Railroad square and Depot.....	1	
“	South-west corner Railroad square and Hill's avenue.....	1	2
Summer.	North-east corner Summer and Pitman.....	1	1
Chandler.	South side Chandler, opposite Railroad.....	1	1
Perley.	North-west corner Perley and Grove.....	1	1
Laurel.	North-east corner Laurel and Pierce.....	1	1
Thorndike.	“ Thorndike and Grove.....	1	1
Cross.	South side Cross, opposite Jollerson.....	1	1
Fayette.	North-west corner Fayette and Elm.....	1	1
Union.	“ Union and Maple.....	1	1
Allison.	“ Allison and Mills.....	1	1
Fruit.	North-east corner Clinton and Fruit.....	1	
“	East side Fruit, opposite Wm. W. Critchett's house.....	1	2
High.	North-west corner High and Auburn.....	1	
“	South-west corner High and Franklin.....	1	2
Valley.	North side Valley, opposite Forest.....	1	1
Bridge.	South side Bridge, near easterly barn.....	1	1
On main line	East side West Concord road, at Posterville.....	1	
“	West side West Concord road, at cemetery gate.....	1	
“	East side West Concord road, near city farm buildings.....	1	
“	East side High street, West Concord, near S. W. Kellom's.....	1	
“	“ “ “ G. E. Holden's.....	1	5
Total.....			113
PRIVATE HYDRANTS.			
	Concord Railroad yard, 3 post and 3 flush hydrants.....	6	
	Northern Railroad yard, 4 post hydrants.....	4	
	New state prison.....	3	
	Old state prison yard.....	2	
	Abbot-Downing Co.'s yard.....	2	
	Page Belting Co.'s yard.....	2	
	W. P. Ford & Co.'s yard.....	1	
	N. H. Asylum for Insane yard.....	1	
	Concord Gas-Light Co.'s yard.....	1	
Total.....			22

TABLE—Showing Summary of Main and Distribution Pipes now laid and in use.

30-inch main,	.	.	.	.	.	.	1,950 feet.
18-inch “	.	.	.	.	.	.	11,681 “
16-inch “	.	.	.	.	.	.	151 “
14-inch “	.	.	.	.	.	.	13,381 “
14-inch distribution,	.	.	.	.	.	.	3,704 “
12-inch “	.	.	.	.	.	.	4,912 “
10-inch “	.	.	.	.	.	.	3,034 “
8-inch “	.	.	.	.	.	.	8,667 “
6-inch “	.	.	.	.	.	.	45,872 “
4-inch “	.	.	.	.	.	.	52,467 “
1½-inch “	.	.	.	.	.	.	93 “
1-inch “	.	.	.	.	.	.	13,967 “
¾-inch “	.	.	.	.	.	.	10,967 “
Total,	.	.	.	.	.	.	170,846 “

—equal to 32.35 miles.

Water is now supplied for the following uses :

2304 families,	1 post-office,
244 bath-tubs,	109 stores,
825 water-closets,	3 railroads,
491 wash-basins,	1 gas-works,
53 urinals,	26 stationary engines,
695 yard hydrants,	2 book-binderies,
113 fire hydrants,	5 printing establishments,
22 private fire hydrants,	1 organ manufactory,
115 heating apparatus,	4 carriage manufactories,
4 hotels,	7 public watering-troughs,
3 greenhouses,	4 photographers,
9 fountains,	3 foundries,
12 churches,	1 tannery,
8 school-houses,	1 bakery,
1 state-house,	5 eating-houses,
1 state prison,	23 mechanics' shops,
8 livery stables,	9 barbers' shops,
590 horses,	12 saloons,
147 cattle,	1 jail,
1 Odd Fellows' hall,	4 cemeteries,
1 Masonic hall,	4 street sprinklers,
6 city buildings,	3 drinking-fountains,
85 offices,	1 brick-yard,
4 banks,	9 water motors.

REPORT OF THE SUPERINTENDENT.

To the Board of Water Commissioners:

I herewith present to you the annual statement of my accounts as Superintendent for the year ending December 31, 1886:

RECEIPTS.

For water from consumers, . . .	\$27,433.39
From the city precinct for hydrants, . . .	3,180.00
From delinquents,	37.47
For use of metres,	25.31
rent of Cooledge house,	100.00
rent of Cooledge lot,	10.00
rent of stable at dam,	40.00
pipe and stock sold,	56.00
	<hr/>
	\$30,882.17
Deduct abatements,	19.53
	<hr/>
	\$30,862.64

EXPENDITURES.

Paid V. C. Hastings, superintendent, . . .	\$1,200.00
E. M. Byrnes, labor,	600.00
Nathaniel White, Jr., rent,	300.00
George H. H. Silsby & Son, printing, . . .	29.75
N. H. Democratic Press Co., "	23.50
Crawford & Stockbridge, books,	21.00
Concord Gas Light Co., gas,	15.78
Ranlet & Marsh, coal,	21.75
Robertson & Rowell, coal,	24.25
Telephone Exchange,	108.00
Pay-roll, labor,	523.35
George L. Theobald, teaming,	81.60
E. H. Runnells, "	22.20
O. F. Richardson, labor,	18.50
City of Concord, teaming,	21.00
E. L. Gove, trucking,	22.25

Paid Stephen Sewall, trucking, . . .	\$7.05
Boston Lead Co., lead pipe, . . .	29.38
Peck Brothers & Co., brass goods, . . .	51.57
Braman, Dow & Co., pipe, . . .	88.35
George Goodhue, pipe and fittings, . . .	31.00
E. H. Randall, fittings, . . .	3.48
Ford & Kimball, castings, . . .	74.80
Davis & Farnum, Manufacturing Co., castings, . . .	23.35
Walworth Manuf'g Co., valves, . . .	226.53
Bingham & Taylor, gate-boxes, . . .	75.60
National Metre Co., metres, . . .	20.93
F. W. Landon, batteries, . . .	13.20
Geo. W. Chesley, chestnut plank, . . .	28.62
F. J. Coffan, painting fence, . . .	13.25
M. B. Edson, charts, . . .	5.00
E. B. Hanchay, smith-work, . . .	20.60
J. M. Crossman, " " . . .	2.10
Wm. S. Davis & Son, smith-work, . . .	2.40
N. M. Weeks, smith-work, . . .	1.60
C. H. Martin & Co., oil and lead, . . .	17.21
Batchelder & Co., oil, . . .	2.95
George Prescott, painting sign, . . .	1.59
Frank Coffin, cement, . . .	9.25
Woodworth & Co., cement, . . .	10.20
Humphrey, Dodge & Smith, hard- ware, . . .	24.60
W. D. Thompson, hardware, . . .	34.78
Fuller, Leonard & Small, rubber goods, . . .	3.36
Concord Land and Water Power Co., sand, . . .	12.20
Foss & Merrill, engineering, . . .	21.30
Concord Railroad, freight, . . .	41.79
E. B. Hutchinson, labor and lum- ber, . . .	37.05
Batchelder & Robinson, lumber, . . .	24.41
Incidentals, . . .	56.53
B. T. Putney, stone-work, . . .	260.75

Paid R. D. Wood & Co., pipe and hy-		
drants,	\$527.08	
Goodhue & Birnie, contract, . . .	2,852.10	
Mary C. Rowell, land,	1,500.00	
	<hr/>	\$9,188.80
Net income for the year,		\$21,673.84
Add cash on hand at the close of the		
year 1885, as per last report,		\$1,972.58
		<hr/>
		\$23,646.42
Deduct amount required to pay the in-		
terest on the Water-Works bonds,		
\$350,000 @ 6%,	\$21,000.00	
43,000 @ 4%,	1,720.00	
	<hr/>	\$22,720.00
Leaving cash on hand at the close of the		
year 1886,		\$926.42
The expenses are divided as follows :		
For care and maintenance,	\$3,142.03	
new distribution pipes,	3,779.27	
new service pipes,	767.50	
land purchased,	1,500.00	
	<hr/>	\$9,188.80

EXTENSIONS AND IMPROVEMENTS.

Summer Street :

294 feet of 4-in. pipe has been laid, from Court to Pitman street, and one hydrant set.

Minot Street :

494 feet of 4-in. pipe has been laid, from Warren street northerly to the Odd Fellows' Home, and one hydrant set.

Warren Street :

360 feet of 6-in. pipe has been laid, from Fruit west to Minot street.

Centre Street :

567 feet of 6-in. pipe has been laid, from Pine west to High street.

High Street :

757 feet of 6-in. pipe has been laid, from Centre to Valley street, and one hydrant set.

Valley Street :

879 feet of 6-in. pipe has been laid, from High to Chestnut street, and one hydrant set.

Chestnut Street :

373 feet of 6-in. pipe has been laid, from Valley to High street.

High Street :

461 feet of 6-in. pipe has been laid, from Chestnut to Franklin street, and one hydrant set.

Franklin Street :

120 feet of 6-in pipe has been laid east from High street, and connected with the old pipe in Franklin street.

There has been laid during the year,—

118 feet $\frac{3}{4}$ -inch pipe.

201 feet 1-inch pipe.

823 feet 4-inch pipe.

3,564 feet 6-inch pipe.

Whole number of feet to the present time, 170,846.

STOP GATES.

There have been set during the year,—

8 4-inch gates.

6 6-inch gates.

Whole number of gates now in use, 226.

PUBLIC FIRE HYDRANTS.

There have been set during the year 4 hydrants, viz.,—

1 on Summer street, corner Pitman street.

1 on Minot street, near Odd Fellows' Home.

1 on High street, corner Auburn street.

1 on Valley street, opposite Forest street.

1 removed from Railroad square to High, corner of Franklin street.

Whole number of hydrants, 113.

SERVICE PIPE.

There have been laid during the year, and connected with the main pipe, 49 service pipes, consisting of,—

1,112 feet $\frac{3}{4}$ -inch pipe.

20 feet 2-in pipe.

17 feet 4-inch pipe.

Whole number service pipes, 1,975.

Whole number feet, 44,192, equal to $8\frac{37}{100}$ miles.

LEAKS.

There have been repaired during the year six leaks, all on the distribution pipes.

The following table shows the height of water at the lake on the first day of each month :

January, . . .	175.90	July, . . .	179.90
February, . . .	176.85	August, . . .	178.70
March, . . .	178.30	September, . . .	177.50
April, . . .	179.50	October, . . .	176.75
May, . . .	181	November, . . .	176
June, . . .	180.50	December, . . .	176.20

The lowest point reached was November 15, being 175.70, and the highest was April 13, being 181.10 : mean height, 178.10, being 1.30 foot higher than during the year 1885.

For the past fourteen years the mean height of the water in each year has been as follows :

1873, . . .	175.86	1880, . . .	175.30
1874, . . .	179.50	1881, . . .	174.70
1875, . . .	180	1882, . . .	179.15
1876, . . .	180.28	1883, . . .	176.40
1877, . . .	176.46	1884, . . .	178.18
1878, . . .	179.50	1885, . . .	176.80
1879, . . .	179.74	1886, . . .	178.10

Mean height for fourteen years, 177.91.

Below is given the receipts for each year for fourteen years, which show that the receipts are increasing every year :

For the year ending January 31, 1874,	.	.	.	\$4,431.10
For fifteen months ending April 1, 1875,	.	.	.	17,535.00
For the year ending April 1, 1876,	.	.	.	16,921.24
“ “ “ 1877,	.	.	.	19,001.07
“ “ “ 1878,	.	.	.	20,763.03
“ “ “ 1879,	.	.	.	21,869.86
“ “ “ 1880,	.	.	.	22,451.53
“ “ “ 1881,	.	.	.	26,744.58
For nine months ending Dec. 31, 1881,	.	.	.	25,534.01
For the year ending Dec. 31, 1882,	.	.	.	27,243.06
“ “ “ 1883,	.	.	.	28,255.48
“ “ “ 1884,	.	.	.	28,915.65
“ “ “ 1885,	.	.	.	30,222.54
“ “ “ 1886,	.	.	.	30,862.64

Total receipts for fourteen years, . . . \$320,750.79

Respectfully submitted,

V. C. HASTINGS, *Sup't.*

We have made some changes in the form of our report to comply with suggestions made by a committee of the New England Water-Works Association at a recent meeting. We hope to further comply with those suggestions in future reports. Much valuable knowledge can be acquired from the united experience of a large number of corporations engaged in supplying water to the public. The only way to make this experience available is to have the reports of such corporations made upon the same general plan, and have the more material statistics condensed into convenient summaries. We shall cheerfully do what we can to promote this means of knowledge.

The board has purchased during the past year a tract of land containing about fifteen acres, situated upon the southerly side of Long Pond. It seemed important that the city should control this land, and thereby prevent it from ever being used in a manner that will pollute the waters of the pond, or otherwise interfere with the valuable and vital interests that the city have in the pond and its surroundings. Its cost was \$1,500, and has been paid from the income.

A substantial fence has been built upon each side of the road-

way across the dam at a cost of \$500, also paid from the income. Quite large extensions of the works have been made during the year, as will be seen from the superintendent's report. These became necessary in order to properly supply citizens of the precinct residing in those localities. They are also a part of the works as they were originally planned.

It is the policy of the board to furnish all citizens within the precinct with equal facilities for the use and enjoyment of Long Pond water, so far as is practicable. Of course this cannot all be accomplished at once ; but the works are gradually approaching completion.

The enlargement of the water precinct by adding the village of West Concord thereto necessitates the extension of the pipes to and through that village. The board will commence work upon this extension as soon as the spring opens.

Application has been made by the authorities of St. Paul's School for a supply of water to its buildings. The board cannot undertake to do this so long as their buildings are not within the precinct ; but if the precinct is further enlarged so as to include them, this application will be considered.

The demand for the water increases each year. New consumers the past year have increased the revenues of the works some \$1,600. It is evident that the time is not far distant when it will be necessary for the city to own all the water rights pertaining to the pond. The ownership of all those rights will add very materially to the usefulness of the works. The water can then be controlled so as best to supply the necessities of our citizens. Our city is prosperous and growing. The introduction of Long Pond water has been an important stimulus of this prosperity and growth.

Respectfully submitted,

JAMES L. MASON,
JOSEPH H. ABBOT,
SAMUEL S. KIMBALL,
GEORGE A. YOUNG,
JOHN KIMBALL,
WILLIAM M. CHASE,
EDGAR H. WOODMAN, *ex officio*,
Commissioners.

TREASURER'S REPORT.

W. F. THAYER, *Treasurer*,

In account with CONCORD WATER-WORKS.

RECEIPTS.

Balance cash on hand Jan. 1, 1886,	. \$2,333.58
Income of Water-Works, . . .	. 30,862.64
Interest on Water-Works bonds, . . .	80.00
	————— \$33,276.22

EXPENDITURES.

Interest on Water-Works bonds, . . .	\$22,600.00
Maintenance and extension, . . .	9,188.80
Balance cash on hand, . . .	1,487.42
	————— \$33,276.22

Jan. 1, 1887. Balance on hand, \$1,487.42

W. F. THAYER, *Treasurer*.

Examined by the Committee on Finance, and found correct.

EDGAR H. WOODMAN,
JOHN C. THORN,
LELAND A. SMITH,
JAMES F. ROONEY,
GEORGE H. MILLS,

Committee on Finance.

POOR DEPARTMENT.

NINETEENTH ANNUAL REPORT OF THE OVERSEER OF
THE POOR, FOR THE YEAR ENDING DECEMBER 31, 1886.*To the City Council :*

GENTLEMEN : The undersigned herewith submits the nineteenth annual report of expenditures for the poor, including Wards 1 and 2, for the year ending December 31, 1886, as follows :

Families and individuals having a settlement in the city have been aided, in part or in full, during the time, to the amount set opposite their respective names.

Asenath A. Glover,	. . . . .	\$104.00
Peabody A. Morse, .	. . . . .	101.50
Harry Heath, .	. . . . .	27.64
Robert A. Brown, .	. . . . .	46.88
George Currier, .	. . . . .	122.40
Noah P. Webster, .	. . . . .	109.00
William Atwood, .	. . . . .	115.00
Scipio Craigue, .	. . . . .	82.03
Peter Elliott, .	. . . . .	1.92
John Bresnahan, .	. . . . .	110.32
Jonathan B. Ferrin,	. . . . .	4.00
Thomas Rainey, .	. . . . .	75.29
Mrs. C. H. Critchett,	. . . . .	178.89
Mrs. John Hannaford,	. . . . .	22.88
Mary J. Wentworth,	. . . . .	46.96
Mrs. E. Tucker, .	. . . . .	2.75
Mrs. Harriet Crummett,	. . . . .	20.00
Mrs. H. Call, .	. . . . .	78.84
Mattie Hunkins, .	. . . . .	3.20

Frank A. Flagg,	\$23.00	
A. Wentworth,	62.25	
	<hr/>	\$1,338.75

Paid the N. H. Asylum for the Insane as follows :

For board and expenses of John W. Cotter,	\$208.67	
“ “ James M. Kenna,	208.65	
“ “ Wm. Coleman, Jr.,	229.33	
	<hr/>	\$646.65

Paid for city paupers in other towns in the state :

Charles L. Quimby, Hooksett,	\$104.32	
James H. Eastman, Bartlett,	130.07	
Ellen Ahern, Manchester,	65.00	
Moses D. French, Belmont,	333.33	
Bridget Nichols, Warner (1885),	82.50	
	<hr/>	\$715.22
Amount expended for city paupers,		\$2,700.62

COUNTY PAUPERS.

Mrs. John Williams,	\$52.00
Arminda Caples,	52.00
Caroline M. Edmunds,	130.00
Harriet Ash,	32.70
Mary Lee,	52.00
Mary Hannagan,	48.00
E. B. Clisby,	93.33
Mrs. R. Cooper,	78.00
Alice Tyner,	30.00
William Burk,	3.00
Mrs. A. J. Drew,	3.50
Mrs. S. B. Sampson,	34.38
Mrs. D. R. Tandy,	12.00
Lewis Martin,	20.49
Wm. B. Thompson,	44.00
Geo. W. Foote,	73.40
Thomas Haley,	18.00

George Ash,	\$3.50
Joseph Hurd,	148.50
Harriet Ramsdell,	55.18
Mrs. J. K. Page,	156.00
Nancy Pearson,	78.00
Mrs. N. K. Emery,	58.50
George Stevens,	65.00
Martha H. Allen,	39.00
Mrs. R. Fife,	91.00
Peter Goet,	2.00
Charles Roberts,	23.75
Charles A. Locke,	1.45
Mrs. A. Ayotte,	37.25
Fred E. Drew,	19.00
Lucinda Wiser,	14.78
Lois Welch,	36.00
Mrs. T. Maloney,	10.38
Godfrey Jacobs, Jr.,	2.00
Abial Stevens,	8.00
Asa B. Cilley,	7.90
Charles Curtis,	2.00
Mrs. John Bishop,	25.00
Frank H. Ash,	61.36
Lucretia Danforth,	19.85
Mrs. W. Storin,	30.00
Patrick Coughlin,	116.95
Nancy Guild,	6.00
Mrs. Z. C. Arlin,	28.50
Albert Mason,	3.75
Board of Parker child,	108.31
D. H. Adams,	50.50
Leon Bedard,	17.40
Tyler Philbrick,	43.00
H. D. Drew,	16.50
Mrs. Jane E. Wells,	33.00
Mrs. Mary A. Morrison,	29.57
Mrs. Eliza B. Tandy,	22.50
Orlando Morrill,	7.50
Edwin Hearson,	21.97

Napoleon Sebra,	\$33.00	
Mary Hart,	11.00	
Prosper Allard,	21.00	
Hannah Hurd,	58.00	
R. T. Orr,	124.63	
N. G. Danforth,	121.83	
Courtland Hull,	63.60	
Samuel Floyd,	33.50	
Michael Daly,	4.23	
Orlando Philbrick,	45.00	
Lizzie R. Webster,	32.13	
Proctor R. Gay,	21.00	
Mrs. Ames,	2.55	
Kate Dornan,	23.00	
Michael Collins,	16.00	
Mrs. R. C. Welch,	7.50	
Kate Johnson,	3.00	
George Thompson,	37.00	
Aid to transient individuals,	224.18	
<hr/>		
Amount paid for county paupers,	\$3,159.80	
Total amount paid by the city for support		
of county paupers for the year,	\$3,159.80	
Total amount paid on city pauper account,	2,700.62	
<hr/>		
Total paid on pauper account for the year,	\$5,860.42	
Amount paid for medical attendance,	687.99	
Chargeable to the city,	\$171.67	
“ “ county (1885),	85.50	
“ “ “ (1886),	430.82	
<hr/>		
	\$687.99	
Whole number of persons aided,		
Number having a settlement in the city,	45	
“ “ “ county,	179	
Transient persons aided,	82	
<hr/>		
	306	

The amount paid out for the support of the poor having a settlement in the city is larger than in previous years, which is accounted for by an increase for board at the N. H. Asylum for the Insane, by sickness, and for aid rendered by other towns, which is not under our control, but for which the city is required to pay, as will be seen by the foregoing report.

Respectfully submitted,

JOSEPH A. COCHRAN,

Overseer of the Poor.

HEALTH DEPARTMENT.

REPORT OF THE CITY REGISTRAR OF VITAL STATISTICS FOR THE YEAR 1886.

To the City Council:

GENTLEMEN: The Revised Ordinances of the city, Chapter XVII, making the city clerk the Registrar of Vital Statistics, requiring that he shall keep a full record of all births and deaths, and issue permits for burials, have been complied with, so far as the returns have been received, with the following result:

BIRTHS.

Whole number of births for 1886,	273
Still-births, not included in above,	22
Males,	128
Females,	145
Born in Ward 1,	23
" 2,	12
" 3,	9
" 4,	89
" 5,	31
" 6,	71
" 7,	38
Born in month of January,	34
" " February,	29
" " March,	19
" " April,	12
" " May,	18
" " June,	18
" " July,	15
" " August,	27
" " September,	22

Born in month of October,	31
.. .. November,	23
.. .. December,	25
* Total,	273

NATIONALITY OF PARENTS.

Fathers born in United States,	170
Natives of Concord (included in above),	56
Foreign born,	100
Mothers born in United States,	171
Natives of Concord (included in above),	55
Foreign born,	99

MARRIAGES.

Number of intentions of marriage recorded for the year, being 11 more than in 1885.	141
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DEATHS.

Whole number of deaths reported for the year in the different wards of the city.	221
Males,	94
Females,	127
Died in Ward 1,	32
" 2,	12
" 3,	14
" 4,	45
" 5,	36
" 6,	48
" 7,	34
Died in January,	12
" February,	19
" March,	17
" April,	14
" May,	18
" June,	18
" July,	14
" August,	33
" September,	23

* In 3 cases twins were reported.

Died in October.	18
“ November.	17
“ December.	18
<i>Ages</i> —Under 5 years,	56
Between 5 and 20,	22
“ 20 and 30,	22
“ 30 and 40,	13
“ 40 and 50,	10
“ 50 and 60,	26
“ 60 and 70,	24
“ 70 and 80,	29
Over 80 years,	19

Deaths in public institutions in addition to above.

New Hampshire Asylum for Insane,	32
State Prison,	1
Home for the Aged,	2

Total number of deaths, not including still-born, 256

Where buried.

The remains of 75 were carried out of the city for burial, and 47 were brought to the city for the same purpose, making the whole number of interments, including still-born, 246
as follows :

Blossom Hill cemetery,	106
Old cemetery,	23
Woodlawn cemetery,	34
Calvary (R. C.) cemetery,	43
Pine Grove cemetery (East Concord),	16
West Concord cemetery,	8
Millville cemetery,	1
Minot enclosure,	1
Receiving tomb,	5
Horse Hill,	3
Soucook,	2
Unknown,	4

Occupation.

The occupations of the deceased were as follows :

Lawyer, clerk, clergyman, contractor, printer, barber.	
cook, 1 each.	7
Merchants.	3
Tailors,	2
Farmers,	12
Laborers,	10
Mechanics.	23
Housekeepers,	49
Retired,	2
Not stated,	113

Of the total number of deaths, 193 were of persons born in the United States, of which number 82 were natives of Concord, and 28 foreign born.

CAUSES OF DEATH.

Abscess of Brain,	1	Croup, Diphtheritic,	1
Abscess of Liver,	1	Croup, Membranous,	3
Apoplexy,	12	Cystitis,	2
Asthma,	6	Diabetes,	3
Brain Disease,	2	Diarrhœa, Chronic,	1
Bright's Disease,	3	Diphtheria,	3
Bronchitis.	1	Dropsy,	2
Burn,	1	Dysentery,	2
Cancer,	3	Encephalopathy,	1
Cancer of Liver,	1	Epilepsy,	1
Cancer of Stomach,	1	Fever, Typhoid,	6
Cancer of Uterus,	1	Fracture of Femur,	1
Cholera Infantum,	7	Gangrene,	1
Cholera Morbus,	1	Gastritis,	2
Cirrhosis.	1	Heart Disease,	20
Congestion,	1	Hemorrhage, Gastro-In-	
Congestion of Brain,	2	testinal,	1
Congestion of Lungs,	4	Hemorrhage, Pulmonary.	1
Consumption,	23	Hernia,	1
Convulsions,	4	Hydrocephalus,	1

Imperfect Development,	3	Peritonitis,	13
Intestinal Obstruction,	1	Phlebitis,	1
Kidney Disease,	1	Pneumonia,	11
Laryngitis,	1	Poisoning,	1
Leucorythemia,	1	Premature Births,	2
Liver Disease,	1	Pustussis,	4
Marasmus,	8	Pyæmia,	1
Measles,	1	Rheumatism,	1
Meningitis, Cerebral,	5	Septicæmia,	1
Meningitis, Cerebro-Spinal,	3	Still-born,	22
Meningitis, Tubercular,	1	Suicide,	2
Necrosis,	1	Tumor,	1
Nephritis,	2	Unknown,	3
Old Age,	12	Uræmia,	2
Paralysis,	8		

Respectfully submitted,

JOSEPH A. COCHRAN,

City Registrar.

REPORT OF THE CITY PHYSICIAN.

To the City Council:

Of the persons aided by the overseer of the poor during the year, 29 have received medical or surgical attendance from the city physician, as follows :

Whole number of visits,	313
Prescriptions given at office,	63
Obstetric cases attended,	2

The cases treated have been such as naturally come to the general practitioner when no epidemic is prevailing, and when no serious accidents have occurred. Very few surgical cases have come under my care, and none worthy of special mention.

In making an annual appropriation for the support of two beds at the hospital, the city is aiding a charity which meets a long felt want. Some of the city poor, who could not secure proper attention at their homes, have been treated there, and made perfectly comfortable. In case of an accident, or any emergency, it affords a place where the patient can be properly cared for. Formerly we were obliged to take such cases to one of the hotels. The Hospital Association is doing a good work, which will be increased as its financial condition is improved. It needs and deserves your support, which I trust will be heartily given.

Respectfully submitted,

H. C. CUMMINGS,

City Physician.

REPORT OF THE BOARD OF HEALTH.

To the City Council:

Twenty-eight formal complaints have been made to the Board of Health during the year, as follows:

Sink drains on top of ground,	6
Filthy hog-pens,	3
Filthy stables.	2
Filthy cellars,	1
Filthy privy vaults,	2
Filthy yards and lots,	12
Dead horses,	2
	<hr/>
	28

Several verbal complaints not included in the above have been made to individual members of the board. In nearly every case our suggestions were followed, and the nuisance was abated. In only one case was it necessary to prosecute.

The registrar of vital statistics reports as follows for the year 1886:

Births,	273
Deaths,	221

During the year 1885, there were reported,—

Births,	242
Deaths,	211
Population of the city estimated,	14,000
Deaths during 1886,	221
Ratio per thousand,	15.78+

We have been visited by no epidemic, and the amount of sickness has been less than in some of the preceding years. But though we have been fortunate thus far, we should be fully

cognizant of any hygienic or other improvements that can be made in our surroundings. Concord has the reputation of being a cleanly city. To the casual observer this statement seems true. But if he will examine more closely, he may find some things that will surprise him.

Our sewerage system demands attention. It is not constructed after the most modern ideas, but, no doubt, will have to answer for the present. To make it as satisfactory as possible, we would urge, as former boards have done, the wisdom of removing the traps from all the catch-basins, and inaugurating a thorough system of flushing. About a fourth part of the catch-basins have no trap at present, and some slight attempts have been made to flush a few of the sewers. At a small expense, attachments can be made with Long Pond water, so that all the sewers in the compact part of the city can be regularly flushed. This would be a step in the right direction, and, we believe, should be attended to at once.

This done, your attention should be directed to the plumbing and sewer connections of the buildings. Probably more than one half of the houses have no suitable sewerage, and a large proportion of this number are tenement-houses. In too many instances the entire sewerage system consists of a piece of lead pipe four feet long, extending from the sink out through the side of the house. Here is poured all the refuse water used by the family, to stand in a filthy pool, or percolate through the soil into some neighboring well. Some of these cases have been brought to our notice, and remedied. Again: In many instances connection is made with the main sewer or some underground cesspool without any proper system of traps and ventilation. Consequently the foul gases, perhaps loaded with disease germs, are forced into the houses, and breathed over and over by the inmates. Here is a cause, not only of a long list of aches and pains and broken health, but of some of our most dreaded diseases, viz., scarlet fever, diphtheria, and typhoid fever. This is no imaginary condition of things. It is an actual fact, to which every physician can testify. Yet it is often impossible to impress this upon the owner or occupant of such buildings, until death has made its havoc.

Equally a source of danger are the emanations from the privy

vaults and hog-pens. When kept as cleanly as possible, the odors arising from them are disagreeable, and prejudicial to health. According to the present theory, the dejections of typhoid fever and other diseases, when thrown into a privy vault, become a source of contamination to all persons in the vicinity. We believe it to be criminal to allow the privy vaults and hog-pens to remain, and would respectfully recommend the passage of an ordinance absolutely forbidding the keeping of hogs in the compact part of the city. Perhaps privies cannot be entirely done away with at once, but as rapidly as possible every one of them should be converted into a water-closet.

Another source of danger is the use of well water. Almost every man who has a well on his premises considers *that* the one thing about the place which is above criticism. Yet there is no doubt that the use of well water in the compact wards, for family purposes, is a cause of much sickness. As you are aware, there are many sources of contamination, and it is well-nigh impossible to prevent the wells' becoming polluted. It has been our fortune to examine water taken from wells in different parts of the city, and we have yet to find any water equal in purity to that from Long pond. In some cases the percentage of impurities was not large enough, perhaps, to cause any harm from its use, while in others the water was absolutely vile. We are often met by the statement that the water in a certain well must be pure, because it is so sparkling, and has such a nice flavor. This is no criterion, however, as a certain amount of impurities will give to the water an agreeable flavor. As we have a bountiful supply of good water in Long pond, there is no excuse for the use of polluted well water.

At present almost any one who asks for it is given a license to make connections with the main sewer. This we believe to be entirely wrong. That the privilege is abused, the sewerage connections of many of the buildings will bear witness.

Now here are several evils, and we can see but one effective remedy, viz., the appointment of a commission of one or more persons, thoroughly versed in all approved hygienic measures, who shall make a thorough and systematic inspection, at regular intervals, of the hygienic condition of every building and lot in the compact part of the city. Such commission should be vested

with authority to compel the owner of any building to put its plumbing and sewer attachments into proper shape, to remove to some proper place any refuse matter about the premises, and to keep the privy in good condition. If a well be on the premises, the water should be examined, and if its use be incompatible with health, the owner should be compelled to fill up the well. This commission should have charge of the cleaning and flushing of the main sewers, and a general oversight of all sewer connections and the plumbing of new buildings. We would recommend the passage of an ordinance setting forth the general principles for the plumbing of all new buildings, and this commission should see that such regulations are strictly adhered to. It would naturally assume all the duties now performed by the Board of Health, in addition to those above mentioned. Of course, if this idea be carried out, it will necessitate a certain additional expense. But we believe that by this means our death rate can be lowered, and a large amount of suffering, especially among the poorer classes, can undoubtedly be alleviated.

There are certain low places in the city, where it has been customary to permit the dumping of coal ashes and certain imperishable substances. A city ordinance forbids the dumping of any perishable substances within the compact part of the city. Unfortunately, this law is not heeded by all. We found in the different dumps, during the summer, all kinds of decaying vegetables, oyster, lobster, and clam shells, fruit cans, dead chickens and cats. In one instance a cart-load of old papers was dumped, and left loose to blow all over the neighborhood. Most of these places are being filled to be used as building lots, and are at present surrounded by dwelling-houses. The future as well as the immediate danger can be seen, to say nothing of the present unattractiveness. In some instances we have erected signs forbidding the dumping of these things. This has had some effect, but has not entirely accomplished our object. So long as it is permitted to dump anything in these places, we fear that it will be impossible to prevent just such a condition of affairs as existed during the past season. To obviate this difficulty it may become necessary to amend the aforesaid ordinance forbidding the dumping of all so-called waste or

refuse matter, including coal ashes and the like, within the compact part of the city, or in any place where it is within the range of probability that buildings will be erected in the near future.

Respectfully submitted,

JOHN CONNELL,
H. C. CUMMINGS,
A. E. EMERY,

Board of Health.

STREET DEPARTMENT.

REPORT OF THE COMMISSIONER OF HIGHWAYS.

To the City Council:

The disbursements for the year 1886, on account of the Street Department, under the supervision of the Commissioner of Highways, amount to \$23,492.71, being a decrease of \$788.80 from the previous year. The statement of expenditures in detail will be found in the regular account of "Running Expenses," a perusal of which will be found of interest without other explanation.

The same system of subdivision of labor pay-rolls which was used last year has been continued, and so far as practicable all bills paid have been assigned to the proper account, to indicate the cost of maintaining each branch of the public work in this department. This applies only to what is called the "Central District," which includes all the thickly settled portion of the city, and the cost of work done in the country districts, and the villages of Penacook, East Concord, and West Concord, is given in detail under the name of each district.

The total expense for "Bridges and Culverts" during the year amounts to \$1,348.91, the largest outlay in any single item being the new roofing of Sewall's Falls bridge. This expenditure was made imperative because of the destruction of the former roof during a violent gale, though fortunately the bridge itself was not otherwise injured. The new roof was constructed in a substantial manner, and connected with the superstructure by a system of rods and bolts which it is believed will render it permanently secure. The work was completed in a most satisfactory manner by Mr. S. F. Patterson at the contract price of \$400.

Had it not been for the outlay required at Sewall's Falls bridge, it was proposed to reshingle Free bridge in order to

keep it properly protected from the elements: but under the circumstances it was not thought judicious to do more than patch it in a temporary way. It will need to be newly covered in the near future.

The iron bridge at East Concord has been repainted during the summer at an expense of \$125—a needed outlay, and one that has to be repeated every few years.

The old wooden bridge, near the Bow line on Rockingham street, has been replaced by a large and permanent stone culvert, which has been built by the city workmen under the direction of Mr. Horace Hammond.

Many bridges have been partly or wholly replanked, and chestnut lumber has been used almost exclusively for that purpose, it having been practically demonstrated to be the most durable and economical. If all the bridges could be planked with similar material, they would require much less attention and expense in a series of years.

The lighting of Free bridge and Lower bridge involves an expense of over \$100 yearly, and the cost of snowing the same in winter is also repeated every year—items which would be worth considering if at any time it became necessary to replace them by iron structures.

There are two other bridges within the city limits which are required by law to be lighted, one being the “Twin bridge” at Penacook, and the other the “Borough bridge” near the same village. Both of these bridges are near the street lighting precinct at Penacook, and are cared for by that precinct at an expense of \$25 each.

For “fences and signs” there has been expended \$49.23, the larger portion being for the erection of a substantial fence, with iron posts, along the easterly wall of the abutment crossing Bow brook on South street.

The “Macadamizing” expenses, including rent of land for stone-crusher, insurance, cartage, coal, and labor, aggregate \$1,406.38—a considerable reduction from the year previous, a less amount of work being attempted. State street has been Macadamized from Cross to Thorndike street, and the east side of South Main street from Fayette to Chandler street, and Green street from School to Centre street.

The more of this character of work which is accomplished, the more apparent becomes the desirability of having a steam road roller to supplement the work of the crusher. The best results cannot be obtained by a roller of such weight as can be drawn by horses, and nothing of less weight than a steam roller can so compact the material as to prevent the surface from becoming muddy if exposed to a long rain. The suggestion is of sufficient importance to warrant its careful consideration.

The account for "sidewalks and crossings" amounts to \$2,597.38, being considerably less than last year, owing to the fact that a less number of petitions were presented for this class of work. In several instances old sidewalks have been renewed by recoating with concrete, making a more durable walk than can be made with patching, and far more sightly, so that abutters have generally been desirous of sharing the slight additional expense to secure the improved appearance. At the same rate of increase which has prevailed the past few years, the city will soon be supplied with a uniform system of completed permanent sidewalks second to no city in the country.

The item of "cleaning and sprinkling streets" aggregates \$2,851.65, which includes the expense of one new street sprinkler built by the Abbot-Downing Co. for \$350. and the rebuilding of one of the old ones by W. S. Davis & Son for about \$125. One of the sprinklers is thus retired from service, and though not in condition for regular work, could be made useful in an emergency.

The street sweeper has been refilled and put in good repair, and has done its work satisfactorily in cleaning the stone pavements. Main street has been swept twice a week when the weather permitted, and the compensation allowed has been \$3 for each sweeping, in addition to the material gathered. The spring and fall cleanings, which are intended to include every street in the central portion of the city, have been upon a more extended scale than heretofore, and a very general improvement in appearance has resulted.

The expense for "breaking roads" in winter has been \$1,258.51, which is probably a little less than the average amount required for that purpose, it being largely dependent upon the character of the storms.

Under the item of "general repairs" will be found the details of expenditures which could not well be classified. Of these the larger amount is for labor pay-rolls, but the account includes all the general supplies for the highway department.

Under this head is also included the labor of building White street, which has been opened and graded fifty feet in width from Washington to Beacon street, at an expense of about \$1,200, the cost of horses purchased, and other items of a general character.

In most of the outside districts the work has been such as demanded by circumstances, no extraordinary outlay having been required in any section.

The bridge in East Sewall's Falls district, on the old Canterbury road, was found to be so decayed as to be unsafe, and it was therefore rebuilt by the city workmen in a substantial manner. The bridge is supported upon wooden piers, and should receive periodical inspections to maintain its security.

The road machines have been made use of in several districts, with results which will probably lead to a gradual dependence upon them for much of the work heretofore accomplished at greater expense by less satisfactory methods.

I wish, in conclusion, to emphasize my appreciation of the services of Mr. James H. Rowell, the superintendent of streets, who has, during the four years of my connection with this department, had charge of the execution of all details. I consider him a most honest, faithful, and efficient public servant, and it is no more than his due that I should make public acknowledgment for the assistance which he has rendered in carrying out a prudent and economical administration of the affairs of the street department.

Respectfully submitted,

EDGAR H. WOODMAN,

Commissioner of Highways.

There has been paid to the city treasurer, on account of collections on highway account, the sum of \$172.07, made up from the following

RECEIPTS.

Of G. L. Theobald, for horse, . . .	\$75.00
G. L. Theobald, loam, . . .	5.00
Cemetery Committee, labor, . . .	2.00
Concord Horse Railroad, . . .	1.00
J. S. Hall, loam, . . .	6.00
N. M. Kayes, old pipe, . . .	1.25
J. H. Pearson, labor, . . .	1.50
Mrs. A. C. Heath, grade, . . .	3.00
Jos. Bean, old boards, . . .	.62
City Water-Works, grade, . . .	21.00
Geo. Tandy, old plank, . . .	2.70
G. L. Theobald, loam, . . .	9.00
J. B. Rand, grade, . . .	13.50
E. H. Runnels, loam, . . .	5.00
J. E. Fernald, sweepings, . . .	1.50
W. H. Kimball, " . . .	1.50
V. C. Hastings, " . . .	1.00
A. C. Hardy, " . . .	4.00
T. W. Stewart, " . . .	1.50
Irvin S. Ring, " . . .	.50
G. H. Greeley, " . . .	1.50
N. P. Stevens, " . . .	1.00
C. F. Caswell, " . . .	1.00
B. M. Locke, " . . .	1.00
F. J. Pillsbury, " . . .	1.00
G. E. Chesley, loam, . . .	1.00
Frank Mayo, grade, . . .	7.00
John P. George, sweepings, . . .	2.00

\$172.07

There has also been paid to the city treasurer the sum of \$923, for amounts collected of abutters for their proportions of concrete sidewalks, as follows :

RECEIPTS.

Of J. G. Lincoln,	\$5.70
C. E. Plummer,	3.87
Carrie Wyatt,	12.63
E. C. Bailey,	31.00
W. M. Colby,	20.00
J. L. Taggart,	10.96
Annie E. Gilman,	4.00
G. H. Lull,	11.00
Mrs. E. Adams,	5.45
Abbot-Downing Co.,	38.73
A. P. Sherburne,	11.82
L. D. Stevens,	19.90
L. D. Stevens, Adm'r,	10.35
L. H. Clough,	12.30
B. A. Kimball,	90.99
James Sullivan,	10.96
Geo. P. Clark,	9.63
Julia Reardon,	10.96
W. J. Blakely,	10.96
N. Elkins,	9.80
F. K. Jones,	8.40
E. H. Woodman,	44.40
St. Paul's church,	8.76
H. C. Sturtevant,	3.93
L. Lawrence,	8.70
Mrs. McMichael,	9.61
South Congregational church,	6.80
R. Woodruff,	9.05
Wm. Sullivan,	7.88
Mrs. D. E. Baker,	28.00
S. C. Morrill,	9.61
Mrs. Nahum Kelley,	10.67
Mrs. C. Noyes,	8.54
D. T. Sullivan,	8.50

Mrs. T. B. Comins,	\$15.29
J. W. Edgerly,	9.14
John Kimball,	6.18
D. K. Richardson,	5.27
Mrs. O. C. Baker,	2.30
Timothy P. Sullivan,	15.44
C. N. Barton,	10.64
W. H. Hale,	12.21
Dana N. Allen,	4.54
Chas. Nutting,	17.43
Carrie Evans,	5.04
L. D. Brown,	11.66
H. W. Hayden,	18.35
B. M. Locke, . . . .	.93
Frank Piper,	9.69
G. L. Lincoln,	8.89
N. A. Dunklee,	11.45
Warren Clark,	7.99
J. H. Moseley,	4.52
St. John's church,	5.78
W. P. Ford,	25.04
W. R. Worth,	11.32
Hiram Rolfe,	9.17
Mrs. F. R. Thurston,	14.48
D. H. Aldrich,	22.55
J. F. Scott,	26.72
John Bartlett,	7.99
O. C. Kibby,	8.55
G. H. Buzzell,	8.93
A. S. Ranney,	21.50
B. F. Caldwell,	19.74
Haley M'f'g Co.,	25.58
Chandler Stevens,	7.08
D. B. Donovan,	8.26
P. J. Donovan,	9.49

 \$923.00

The following concrete bills have been paid since the accounts have been closed, and will therefore appear in the city treasurer's report for 1887.

Mrs. F. A. Landers.	. . . . .	\$14.02
L. L. Mower,	. . . . .	16.02
N. P. Stevens.	. . . . .	18.05
Amos S. Abbott.	. . . . .	12.45
Wm. A. Heard.	. . . . .	5.21

The following persons have not yet paid their proportion of expense of laying concrete adjacent to their premises, and there is consequently due the city from

H. F. Patterson,	. . . . .	\$2.58
E. P. Prescott,	. . . . .	3.88
Mrs. Kenna,	. . . . .	12.71
W. H. Kenna.	. . . . .	9.97
Sarah Bradley.	. . . . .	10.58
John Foley,	. . . . .	11.03
W. P. Ladd, agent,	. . . . .	25.11
Mr. Spear,	. . . . .	8.49
Delio Gagnon,	. . . . .	7.61
Mrs. H. G. Clark,	. . . . .	14.08
Mead, Mason & Co.,	. . . . .	22.10
J. B. Flanders,	. . . . .	24.96
Deacon Crockett,	. . . . .	11.34
Mr. Delaney,	. . . . .	16.00
Margaret Robinson,	. . . . .	6.32

SPRINKLING THE STREETS.

The following account of the receipts and expenditures for sprinkling the streets, for the season of 1886, is inserted for the information of the public:

RECEIPTS.

From persons on the East side of Main Street.

George Clough, . . . \$5.00	Phenix Hotel, . . . \$5.00
A. D. Ayling, . . . 3.00	Eagle Clothing House, . . 1.00
H. B. Tebbetts, . . . 5.00	R. H. Ayer, . . . 3.00
H. O. Marsh, . . . 3.00	H. D. Hammond & Co., . . 3.00
D. J. Murphy, . . . 1.00	M. Wolfe, . . . 3.00
S. Webster, . . . 2.00	Thurston & Downing, . . 3.00
J. E. Dwight, . . . 3.00	C. N. Towle, . . . 1.00
L. A. Smith, . . . 3.00	G. K. Mellen, . . . 3.00
Mrs. J. R. Hill, . . . 5.00	E. B. Crapo, . . . 3.00
Cummings Bros., . . . 3.00	Woodman & Robinson, . . 2.00
S. C. Morrill, . . . 3.00	Dow & Wheeler, . . . 1.00
Elm House, . . . 5.00	Leach & Stevens, . . . 1.00
G. B. Emmons, . . . 5.00	Woodward & Clark, . . . 4.00
Moseley & Co., . . . 2.00	S. C. Eastman, . . . 1.00
E. G. Cummings, . . . 1.00	D. E. Murphy, . . . 1.00
N. H. Dem. Press Co., . . 3.00	T. W. & J. H. Stewart, . . 3.00
W. F. Danforth & Son, . . 2.00	F. W. Yeaton, . . . 3.00
Scribner & Britton, . . . 2.00	F. P. Mace, . . . 2.00
Batchelder & Co., . . . 5.00	E. A. Estes, . . . 1.00
D. H. Aldrich, . . . 3.00	E. B. Davis, . . . 1.00
J. E. Pecker, . . . 1.00	Sleeper & Hood, . . . 3.00
Rep. Press Asso., . . . 5.00	Shaw, Jackson & Ahern, . . 3.00
A. P. Fitch, . . . 3.00	Humphrey, Dodge & Smith, . 5.00
E. H. Rollins & Son, . . . 3.00	E. C. Eastman, . . . 2.00
S. G. Noyes, . . . 3.00	Eagle Hotel, . . . 5.00
D. B. Donovan, . . . 1.00	W. U. Telegraph Co., . . 3.00
W. A. Thompson, . . . 2.00	Young Bros., . . . 3.00
F. E. Colburn, . . . 2.00	J. M. Stewart & Son, . . 3.00
Fred Reed & Co., . . . 5.00	W. P. Underhill & Co., . . 3.00
G. A. Young, . . . 2.00	N. H. Savings Bank, . . . 5.00
W. D. Thompson, . . . 5.00	J. C. Thorne, . . . 5.00

G. W. Wadleigh, . . .	\$1.50	M. C. H. Seavey, . . .	\$3.00
F. H. George, . . .	2.00	J. S. Blanchard, . . .	3.00
S. Wardner, . . .	2.00	F. S. Streeter, . . .	2.00
J. D. Johnson & Son, . . .	2.00	Mrs. John Abbot, . . .	2.00
T. W. Burke, . . .	1.00	Mrs. R. E. Pecker, . . .	5.00
H. W. Brickett, . . .	3.00	A. A. Currier, . . .	2.00
A. C. Sanborn, . . .	2.00	P. H. Larkin, . . .	2.00
E. H. Randall, . . .	1.00	E. F. McIntosh, . . .	1.00
J. M. Collins, . . .	1.00	S. S. Kimball, . . .	10 00
Thomas Hiland, . . .	3.00	F. W. Rollins, . . .	2.00
Mrs. O. Stearns, . . .	5.00	J. B. Walker, . . .	7.50
Cash, . . .	5 00	W. H. Pitman, . . .	2.00
F. Battles, . . .	1.00	H. M. Clough, . . .	1.00
Mrs. C. J. McFarland, . . .	2.50	W. W. Niles, . . .	1.00
W. K. McFarland, . . .	2.50	Mrs. N. Bouton, . . .	1.00
T. M. Lang, . . .	1.00		
J. F. Morrill, . . .	2.00		
			<hr/> \$263.00

West side of Main Street.

C. H. Thorndike, . . .	\$3.00	First National Bank, . . .	\$5.00
A. F. Holt, . . .	2.00	Morrill Bros., . . .	3.00
J. M. Hill, . . .	3.00	T. A. Heath, . . .	3.00
B. A. Kimball, . . .	5.00	Crippen, Lawrence & Co., . . .	5.00
S. A. Carter, . . .	3.00	Mrs. F. Pearson & Co., . . .	3.00
Mrs. C. C. Lund, . . .	3.00	J. R. Hill & Co., . . .	5.00
F. Low, . . .	3.00	A. P. Sherburne, . . .	2.00
J. H. Abbot, . . .	5.00	J. Hazelton & Son, . . .	3.00
F. Evans, . . .	2.00	Clark and Moore, . . .	3.00
J. S. Norris, . . .	2.00	Chase & Streeter, . . .	2.00
Norris & Crockett, . . .	2 00	H. M. French, . . .	1.00
Robertson, Rowell & Co., . . .	3.00	Morrill & Danforth, . . .	2.00
J. McGloughlin, . . .	1.00	H. N. Newell, . . .	2.00
J. F. Hoit, . . .	3.00	Underhill & Kittredge, . . .	3.00
Perkins, Dudley & Co., . . .	3.00	D. L. Guernsey, . . .	3.00
C. H. Martin & Co., . . .	3.00	E. W. Willard, . . .	3.00
Cash, . . .	1.00	R. F. Robinson, . . .	2.00
H. C. Sturtevant & Son, . . .	3.00	A. R. Ayers, . . .	3.00
J. S. Hubbard, . . .	1.50	W. S. Baker, . . .	2.00
J. H. Chase, . . .	4.00	J. L. Crawford, . . .	2.00
Silby & Son, . . .	5.00	Jacobs Bros., . . .	1.00
W. K. Day, . . .	1.50	J. B. Sanborn, . . .	5.00
C. M. Boynton, . . .	3.00	C. R. Schoolcraft, . . .	3.00
A. W. Gale, . . .	3.00	G. L. Hooper, . . .	2.00
State Capital Bank, . . .	5.00	A. K. Knapp, . . .	1.00
A. G. Harris, . . .	3.00	G. Corregate, . . .	2.00
Stevens & Duncklee, . . .	3.00	G. A. Glidden, . . .	1.00

Brown & Otis, . . . \$5.00	A. P. Carpenter, . . . \$3 00
Reed & Mudgett, . . . 2.00	G. F. Page, . . . 2.00
J. Doherty, . . . 2.00	H. McFarland, . . . 5.00
E. S. Nutter, . . . 2.00	F. A. Fisk, . . . 4.00
B. S. Warren, . . . 2.00	E. Gerrish, . . . 5.00
W. P. Ford & Co., . . . 4.00	John H. George, . . . 3.00
G. H. Marston, . . . 3.00	
W. G. Carter, . . . 5.00	
J. E. Sprague, . . . 3.00	
	<hr/> \$201.00

East side of State Street.

F. H. Upton, . . . \$2.00	L. S. Morrill, . . . \$2.00
C. W. Woodward, . . . 2.00	T. A. Freeman, . . . 2.00
C. P. Virgin, . . . 1.00	Mrs. R. Kittredge, . . . 1.50
James Minot, . . . 3.00	P. Kittredge, . . . 3.00
G. E. Todd, . . . 5.00	W. L. Foster, . . . 3.00
A. P. Chesley, . . . 2.00	Mrs. S. E. Hamilton, . . . 2.00
D. D. Brainerd, . . . 2.00	G. T. Comins, . . . 3 00
J. Durrell, . . . 1.00	O. Pillsbury, . . . 3.00
A. Atherton, . . . 1.00	B. F. Virgin, . . . 3.00
D. D. Taylor, . . . 1.00	C. R. Sanborn, . . . 1.00
H. L. Rand, . . . 2.00	A. J. Batchelder, . . . 1.00
J. Kimball, . . . 5 00	W. E. Adams, . . . 1.00
M. Wolfe, . . . 2.00	P. C. Bean, . . . 2.00
N. White, . . . 4.00	C. P. Little, . . . 1.00
G. Walker, . . . 5.00	
John Hawkins, . . . 2.00	
B. E. Badger, . . . 2.00	
	<hr/> \$70.50

West side of State Street.

H. N. Farley, . . . \$2.00	Mrs. H. M. Walker, . . . \$1.00
H. W. Clapp, . . . 2.00	J. H. Gallinger, . . . 2 00
O. Ballou, . . . 1.00	G. L. Nutter, . . . 1.00
F. Webster, . . . 2.00	G. L. Williams, . . . 1.00
G. H. Emery, . . . 3.00	Mrs. G. Jones, . . . 1.00
P. Flanders, . . . 1 00	J. E. Robertson, . . . 3.00
Mrs. E. C. Bixby, . . . 1.00	T. C. Bethune, . . . 3.00
Mrs. C. Parker, . . . 1.00	A. Folger, . . . 2 00
Martin & Crowell, . . . 2.00	C. B. Hill, . . . 2.00
C. E. Burnside, . . . 2.00	D. C. Roberts, . . . 3.00
E. Morrill, . . . 2.00	H. N. Newell, . . . 1.00
Mrs. C. Howe, . . . 3 00	F. H. Gould, . . . 1.00
Mrs. A. C. Pierce, . . . 2 50	J. A. Dadmun, . . . 1 00
M. W. Russell, . . . 2.00	
S. Barrett, . . . 2.00	
	<hr/> \$50.50

Green Street.

T. W. Young, . . .	\$2 00	S. U. Clark, . . .	\$2.00
J. H. Morey, . . .	2.00	Mrs. M. S. Osgood, . . .	2.00
W. Annis Bean, . . .	2.00	G. Bullock, . . .	1.50
Unitarian Society, . . .	2.00	H. Clough, . . .	2.00
P. F. Stevens, . . .	2.00	J. W. Drew, . . .	2.00
C. H. Duncklee, . . .	2 00		
T. A. Heath, . . .	2.00		
J. A. Cochrane, . . .	2.00		\$25.50

Pleasant Street.

G. L. Stratton, . . .	\$5.00	Waldo A. Russell, . . .	\$3.00
F. A. Stillings, . . .	3.00	Mrs. J. A. Gove, . . .	2.00
Mrs. R. N. Corning, . . .	5.00	F. G. Davis, . . .	2.00
G. H. H. Silsby, . . .	4.00	G. A. Foster, . . .	2.00
L. Downing, Jr., . . .	5.00	Spencer & Nason, . . .	2 00
D. E. Wallace, . . .	3.00	Morrison & Searles, . . .	2.00
Mrs. C. B. Bartlett, . . .	3.00		
G. L. Lovejoy, . . .	3.00		\$44 00

Warren Street.

J. Minot, . . .	\$5.00	S. K. Blanchard, . . .	\$1.00
W. A. Clough, . . .	2.00	Mrs. E. F. Mansfield, . . .	1.00
T. Stuart, . . .	2.00	Mrs. W. B. Parsons, . . .	1.00
Mrs. A. Fletcher, . . .	2.00	Mrs. W. H. Buntin, . . .	1.00
G. W. Jackson, . . .	2.00	J. Kimball, . . .	1.00
W. G. C. Kimball, . . .	2.00	J. A. Dadmun, . . .	1.00
A. C. Fisher, . . .	2.00	Z. S. Packard, . . .	1.50
Ordway & Ferrin, . . .	2.00		
W. Ladd, . . .	2.00		\$28.50

School Street.

High School, . . .	\$10.00	L. R. Fellows, . . .	\$2.00
Mechanicks Nat. Bank, . . .	5.00	M. Bateman, . . .	2.00
J. H. Rowell, . . .	3.00	W. B. Durgin, . . .	2.00
F. S. Crawford, . . .	2.00	P. Pillsbury, . . .	2.00
D. W. Waldron, . . .	2.00	Mrs. L. M. Morrill, . . .	2.00
Munns & Paige, . . .	2 00	J. M. Fletcher, . . .	1 00
G. L. Lovejoy, . . .	2.00	G. W. Carter, . . .	1.00
W. H. G. Kimball, . . .	3.00		
Mrs. N. White, . . .	2.00		\$43.00

Capitol Street.

Concord Gas Light Co., . \$3.00	I. C. Evans, . . . \$2.00
Mrs. N. White, . . . 5.00	
Geo. Goodhue, . . . 2.00	<u>\$12.00</u>

Park Street.

S. Barrett, . . . \$3.00	E. A. Stockbridge, . . \$1.00
C. R. Walker, . . . 2.00	Mrs. A. L. Drew, . . . 1.00
Mrs. W. Coffin, . . . 2.00	
Mrs. T. Haynes, . . . 1.00	<u>\$12.00</u>
Mrs. W. Walker, . . . 2.00	

South Street.

H. W. Ranlet, . . . \$5.00	W. Hart, . . . \$2.00
Mrs. A. Downing, . . . 5.00	Mrs. C. B. Hutchins, . . 2.00
Mrs. W. Harriman, . . . 5.00	Mrs. A. Manning, . . . 1.00
G. C. Hopkinson, . . . 5.00	
Mrs. J. W. Little, . . . 4.00	<u>\$32.00</u>
J. P. Nutter, . . . 3.00	

Depot Street.

Smith & Walker, . . . \$5.00	Mrs. C. Hart, . . . \$2.00
H. E. Conant, . . . 2.00	
	<u>\$9.00</u>

Freight Street.

Ranlet & Marsh, . . . \$3.00	G. E. Cummings, . . . \$1.00
W. S. Davis & Son, . . . 2.00	
C. L. Gilmore, . . . 2.00	<u>\$8.00</u>

Bridge Street.

Woodworth, Dow & Co., \$5.00	A. C. Sanborn, . . . \$2.00
Phelps & Storrs, . . . 3.00	
L. E. Currier, . . . 2.00	<u>\$12.00</u>

Washington Street.

J. W. Flavin, . . . \$1.00	S. E. Clifford, . . . \$1.00
G. S. Foster, . . . 1.00	S. M. Griffin, . . . 1.00
J. F. Harriman, . . . 1.00	
F. H. Howe, . . . 1.00	<u>\$7.00</u>
J. R. Howe, . . . 1.00	

South Spring Street.

N. B. Walker, . . . \$2.00	B. M. Locke, . . . \$1.00
J. E. Rand, . . . 2.00	R. N. Philbrick, . . . 1.00
Mrs. A. Wood, . . . 2.00	W. E. Mason, . . . 1.00
J. W. Storrs, . . . 2.00	
F. H. Corson, . . . 1 50	
J. Y. Lane, . . . 1.00	<u>\$13.50</u>

RECAPITULATION.

From east side Main street,	\$263.00
west side Main street,	201.00
east side State street,	70.50
west side State street,	50.50
Green street,	25.50
Pleasant street,	44.00
Warren street,	28.50
School street,	43.00
Capitol street,	12.00
Park street,	12 00
South street,	32.00
Depot street,	9.00
Freight street,	8.00
Bridge street,	12.00
Washington street,	7.00
South Spring street,	<u>13.50</u>
Collected and paid city treasurer,	\$831.50

HOWARD M. COOK,

Solicitor and Collector.

REPORT OF THE COMMITTEE ON SEWERS AND DRAINS.

To the City Council:

There has been expended under the direction of the committee during the year 1886 in the extension and improvement of the sewerage system the sum of \$2,681.76, and a detailed account of the same will be found under its proper heading in the general running expenses.

The brick sewer which was built from Depot street to the intervalle last year has been extended to Merrimack river, and a substantial and permanent stone outlet constructed at the river bank.

This completes a sewer which was not only of necessity for the territory in immediate connection, but which may be of great advantage as an additional outlet for the Main street sewers. This is said to be the largest sewer yet built under our system, it being egg-shaped, and four feet across its largest diameter. It is of brick, laid in cement, and of double courses, intended to resist the heaviest strain which can be obtained from the water-pressure upon its inside surface. Its cost varies but little from the estimate presented by the committee in their last report, though its construction was somewhat difficult, owing to the fact that the grade of descent brought the bottom of the sewer some feet above the natural surface of the ground for a considerable distance. By the courtesy of the Concord Railroad a sufficient amount of gravel was provided on dump-cars from its gravel banks to make the required filling and provide the necessary covering of earth for its protection.

While this work was in progress a petition was presented to the board of mayor and aldermen asking for a sewer near the Northern Railroad track, extending from the railroad bridge to a point near the depot.

The petition was referred to this committee, and a public hearing was had upon the premises. After a full examination the committee decided that better and more permanent results could be obtained by locating a sewer parallel to that asked for, but upon the intervalle east of the railroad. The board coincided with this view, and the committee therefore made arrangements accordingly, and laid a sewer of Akron pipe, having its outlet in the brick sewer then building, and extending northerly a distance of 850 feet. For a distance of 600 feet from the outlet this pipe is 15 inches in diameter, and the remainder is 12-inch. As the section of intervalle land covered by these sewers is being rapidly filled for occupancy, it is a matter of congratulation that no necessity will hereafter exist for extensive excavations after it is filled with ten or twelve feet of grade, and covered with railroad tracks.

One other petition for a sewer was presented, but so large an outlay was required in the work above mentioned that it was not thought advisable to authorize further expenditure until another season.

During the year the committee has issued 43 permits for individuals to enter their drains in the public sewers; and comparatively few of the better class of dwellings are now unprovided with a proper drainage system, which with modern conveniences has become an absolute necessity.

In this connection, and in view of the proposed introduction of water from Penacook lake into West Concord village, the committee deem it proper to suggest to the residents of that place the wisdom of making an early application to have the sewerage precinct extended to the boundaries of the water precinct in order that drainage facilities may be furnished as their necessities require.

A casual examination indicates that a sewerage system suited to the requirements of the village could be arranged without difficulty, and provided at a moderate outlay.

The committee received some complaints that the sewer at the north end of Main street was inadequate to dispose of the water conducted into it during heavy showers, sometimes causing great annoyance by flowing back into cellars. The committee upon a personal examination was convinced that an additional

outlet would be wanted in that section in the near future, but as a considerable expenditure would be required to provide permanent relief, it was not considered judicious to interfere with it until it should be warranted by a special appropriation for the purpose.

Respectfully submitted,

EDGAR H. WOODMAN,
RICHARD M. ORDWAY,
LELAND A. SMITH,

Committee on Sewers and Drains.

POLICE DEPARTMENT.

REPORT OF THE CITY MARSHAL.

To the City Council :

The undersigned respectfully submits the following report of the doings of the Police Department of the city of Concord for the year ending December 31, 1886 :

The whole number of arrests made during the year, not including those made at Penacook, was 271
as follows :

Abandoning family,	1
Assault and battery,	15
Bastardy.	1
Breaking and entering,	10
Common drunkard,	1
Evading car fare,	2
For being out late at night,	9
For out of town officers,	8
Forgery,	1
For being a rogne,	1
For driving a team farther than stipulated,	2
For maintaining a nuisance,	1
Highway robbery attempted,	2
Insane persons,	5
Indecent exposure,	1
Intoxication,	111
Keeping liquor for sale,	30
Keeping beer for sale,	24
Keeping saloon open on Sunday,	1
Keeping saloon open after 10 o'clock,	2

Larceny,	8
Larceny from the person,	3
Obtaining goods by false pretence,	1
Rude and disorderly conduct,	19
Stubborn child,	1
Suspicious persons,	9
Tramp,	1
Vagabond,	1
	<hr/>
Total,	271

Of the above cases, 150 were arraigned before the police court, charged with the following offences, to wit :

Abandoning family,	1
Assault and battery,	15
Breaking and entering,	6
Common drunkard,	1
Evading car-fare,	2
Forgery,	1
For being a rogue,	1
For driving team farther than stipulated,	2
For maintaining a nuisance,	1
Highway robbery, attempt at	1
Indecent exposure,	1
Intoxication,	43
Keeping liquor for sale,	30
Keeping beer for sale,	24
Keeping saloon open on Sunday,	1
Keeping saloon open after 10 o'clock,	2
Larceny,	4
Larceny from the person,	3
Obtaining goods by false pretence,	1
Rude and disorderly conduct,	7
Stubborn child,	1
Tramp,	1
Vagabond,	1
	<hr/>
Total,	150

And were disposed of as follows :

Sentenced to pay fine,	90
Sentenced to the industrial school,	1
Sentenced to jail,	3
Ordered to recognize to appear at supreme court,	51
Discharged by the court,	5
	<hr/>
Total,	150
Discharged without complaint,	121
	<hr/>
Total,	271

Nineteen buildings have been found open, and secured.

The whole number of lodgers accommodated at the station-house during the year was 250.

Respectfully submitted,

JOHN CONNELL,

City Marshal.

Concord, Dec. 31, 1886.

REPORT OF THE ASSISTANT CITY MARSHAL.

To the City Council:

The undersigned would submit the following report of the Police Department in Penacook, Ward 1, city of Concord, for the year ending December 31, 1886 :

Whole number of arrests made during the year.	46
Keeping intoxicating liquor for sale,	1
Breaking and entering,	1
Assault of an aggravated nature,	3
Assault and battery,	4
Abusing horses,	1
For neglecting his family.	1
Intoxication,	35
Total,	46

Of the above cases, 22 were arraigned before the police court charged with the following offences, to wit :

Keeping intoxicating liquor for sale,	1
Breaking and entering,	1
Assault of an aggravated nature,	3
Assault and battery,	4
Abusing horses,	1
For neglecting his family,	1
Intoxication,	11
Total,	22

And were disposed of as follows :

Sentenced to pay fine,	18
Ordered to recognize to appear at supreme court,	1
Nol. prossed,	3
Total,	22

Discharged without complaint,	24
Total,	<hr/> 46

Whole number lodgers accommodated at the station-house during the year, 60.

Respectfully submitted,

CHARLES H. GREEN,

Assistant City Marshal.

Penacook, Dec. 31, 1886.

REPORT OF THE FORMER POLICE JUSTICE.

To the Mayor and Aldermen of the City of Concord :

The late Justice of the Police Court herewith submits a report respecting transactions during that part of the year 1886 prior to the 19th day of October last.

Fifty-one civil actions were entered in the Police Court during that time.

Five persons of foreign birth were fully naturalized, and nine others of like birth filed their primary declarations of intention to become citizens.

One hundred and forty-one prosecutions for alleged criminal offences were entered before me during the same time.

Included in the reports of the City Marshal and the Assistant City Marshal of this date may be found statements of the nature and disposition of those prosecutions in which those officers participated.

In financial matters I charge myself as follows :

For costs belonging to the city arising from		
criminal prosecutions,	\$89.86	
For fines arising from same,	630.13	
For fees arising from civil actions,	26.69	
	<hr/>	\$746.68

And I discharge myself as follows :

Paid sundries,	\$4.17	
Paid to city treasurer,	742.51	
	<hr/>	\$746.68

There are some matters which remain to be adjusted.

On the 19th day of October last my commission as Justice of the Police Court of Concord expired, after I had acted under it twenty-four years and four and a half months. During that period I endeavored to discharge my responsible and ofttimes

perplexing duties faithfully, with a single eye to my sworn obligations, and with no regard whatever to any consequences personal to myself, even when subjected to the severest criticism.

In looking back over that long period I find that very few indeed of those arraigned as criminals during the earlier years of my service now survive, and it is a sad reflection that their vacant places are more than filled by an ever augmenting crowd.

SYLVESTER DANA.

Concord. Dec. 31, 1886.

REPORT OF THE POLICE JUSTICE.

To the Mayor and Aldermen of the City of Concord :

The Police Justice submits herewith the report of his connection with the Police Court prior to and since the retirement of Hon. Sylvester Dana from the office of justice, October 19, 1886 :

Criminal prosecutions before Oct. 19, 1886,	. . .	6
“ “ since Oct. 19, 1886,	. . .	46
Civil actions entered “ “	. . .	19
Persons naturalized, “ “	. . .	56
Primary declarations to become citizens since Oct. 19, 1886,		67

The police justice charges himself as follows :

For costs arising from criminal cases,	. . .	\$22.00
For fines “ “ “	. . .	134.00
For fees arising from civil cases,	. . .	9.50
		<hr/>
		\$165.50

And discharges himself as follows :

Paid city treasurer,	\$165.50
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B. E. BADGER,

Police Justice.

Concord N. H., Dec. 31, 1886.

REPORT OF THE CITY SOLICITOR.

To the City Council:

The city of Concord is at this date interested in but two legal controversies;—one, the suit of Mr. Engel against Concord (referred to in former reports), still remains upon the docket, the interests of the city being in no way prejudiced by its continuance; the other is the suit of Lowell Eastman against Concord, the writ having been served upon the city July 15, 1886, returnable at the October term of the supreme court. In this action, Mr. Eastman claims to have been thrown out of his carriage and injured while riding upon a highway, by reason of an obstruction existing near the Page Belting Company's works. Should this suit come to trial, the Page Belting Company has been notified to defend it.

During the past year two actions against the city have been finally disposed of. One, the action of Patrick Kelley against Concord, which was pending at the beginning of the year, was based upon a state of facts such that it was difficult to effect a settlement by compromise, and a trial of the cause by jury was had at the last April term of the supreme court, the trial continuing between four and five days. The case for the city was much embarrassed by the death, during the trial, of its most important witness. The jury gave Mr. Kelley three thousand dollars damages. On March 6, 1886, Franklin D. Frost, of Penacook, served a writ upon the city, returnable at the last April term of the supreme court, claiming damages on account of an injury received while travelling upon the highway. This case reached a hearing at that term of court, and while upon trial was compromised by an agreement which seemed to be warranted by the evidence, and fifteen hundred dollars was paid to the plaintiff to cover all costs and damages. In the trial of both the last named cases Hon. Wm. L. Foster was associated with the solicitor.

An amicable proceeding has been instituted by School-District No. 16 of Concord, and is now pending, wherein the supreme court is asked to advise as to the proper disposition of certain school-money now in the city treasury.

During the year nothing has occurred, so far as is now known, which is likely to give rise to any litigation involving the city in the future.

HENRY W. STEVENS,
Solicitor.

EDUCATIONAL DEPARTMENT.

The school reports are not prepared until the close of the school year in March, and are consequently omitted from this volume.

PUBLIC LIBRARY.

REPORT OF THE TRUSTEES.

To the City Council :

The trustees herewith submit the annual reports of the librarian and the treasurer of the public library for the year ending December 31, 1886.

By an examination of the report of the librarian it will be observed that the increase in the number of circulating books purchased during the last year has resulted in a largely increased patronage. An annual circulation of more than 35,000 volumes indicates a great desire on the part of the public to avail itself of the inestimable advantages afforded by the library; and it is too obvious to require more than a suggestion from the trustees, that the expectation and reasonable demand of the public, calls for a liberal appropriation by the city council for the support of an institution manifestly indispensable to the welfare of our citizens.

WM. L. FOSTER,
CHARLES R. CORNING,
ABIAL ROLFE,
JOSEPH T. CLOUGH,
PAUL R. HOLDEN,
JAMES S. NORRIS,
WILLIAM W. FLINT,

Trustees.

LIBRARIAN'S REPORT.

To the Trustees of the Concord Public Library:

GENTLEMEN:—The librarian herewith presents his report of the work of the library for the year ending December 31, 1886:

The library was open for the delivery of books and magazines 285 days.

Number of books and magazines given out 35,527, an average of 124 per day, and an increase of 7,118 over the number given out in 1885.

Seven hundred and seventeen volumes have been purchased, and seventy-seven volumes have been received as donations from individuals and the national and state governments.

One hundred and thirty-four books have been laid aside, being worn out or imperfect, so as to render them unfit for circulation. Some of them have been replaced, and duplicates of several new and popular works have been purchased, as the demands of the patrons of the library seemed to require.

Eighty-five dollars has been expended for building and enlarging book-cases. A smaller sum will be required for the same purpose the coming year.

Seventy-five dollars has also been paid for printing "Catalogue Supplement No. 3," and an equal or larger sum will be required for the same purpose the coming year.

The increasing patronage of the library during the last five years is shown by the receipts for cards and catalogues sold, the amount in 1882 being \$173.22, in 1883 \$215.67, in 1884 \$241.65, in 1885 \$268.75, and in 1886 \$312.03.

With the increased patronage of the library comes a marked change in the character of the books called for, valuable works of history, biography, travels, etc., being more in demand than ever before. To supply these, and thus carry forward the work so grandly begun in our common schools, largely increased appropriations are necessary.

Respectfully submitted,

DANIEL F. SECOMB,

Librarian.

January 1, 1887.

TREASURER'S REPORT.

To the City Council:

The balance on hand, January 1, 1886, was \$147.38, to which has been added city appropriation \$2,200, and library receipts of \$312.03, making a total of \$2,659.41 as available funds for the purposes of the library. Of this sum \$2,200 has been expended as per itemized account in the expenses of the city, and \$12.91 from the funds in the hands of the treasurer in addition to the appropriation, leaving a balance of \$446.50 in the treasurer's hands to be carried to the next year.

BALANCE SHEET.

Dr.				
Cash on hand Jan. 1, 1886,	.	.	.	\$147.38
Received from city,	.	.	.	2,200.00
Receipts of library,	.	.	.	312.03
				<hr/>
				\$2,659.41

Cr.				
Paid as per city account,	.	.	.	\$2,200.00
E. C. Eastman,	.	.	.	12.91
Balance cash on hand,	.	.	.	446.50
				<hr/>
				\$2,659.41

TRUST ACCOUNT.

Dr.				
Balance cash on hand Jan. 1, 1886,	.	.	.	\$120.00
Received int. from Pierce fund,	.	.	.	20.00
“ Lyon fund,	.	.	.	60.00
				<hr/>
				\$200.00

Cr.				
By paid for books,	.	.	.	\$120.00
cash on hand,	.	.	.	80.00
				<hr/>
				\$200.00

Respectfully submitted,

W. P. FISKE,
Treasurer.

CEMETERIES.

To the City Council :

The Cemetery Committee respectfully submit the following report for the year ending December 31, 1886 :

BLOSSOM HILL CEMETERY.

RECEIPTS.

Balance in hands of the committee December 31, 1885, as per report,	\$1,143.71
Received R. P. from Sanborn, for uncollected bill, 1883 :	
S. H. Dumas, painting fences on Pierce and Wood lots,	\$3.50
Received from labor, &c., for 1886 as follows :	
Geo. L. Lovejoy, digging graves, &c.,	\$217.85
A. C. Fisher, " "	57.75
Mrs. F. C. Morgan, for labor,	1.00
John D. Gale, moving remains,	10.00
Byron C. Hill, for labor,	1.75
W. P. Fiske, labor,	.30
E. C. Sanborn, loam,	.10
Wm. A. Chesley, loam and dressing,	.30
Mrs. John Abbott, repairs on lot,	.80
Charles West, grass seed,	.25
Estate of B. F. Merrill, repairs,	15.50
Mrs. P. Summers, loam and dressing,	5.55
Frank E. Gale, labor,	.40
Charles L. Eastman, repairs,	20.00
Mrs. P. H. Emerson, repairs,	14.17

Woman's Relief Corps, labor, . . .	\$6.20
Edwin Fogg, repairs, . . .	7.65
Charles H. Davis, repairs, . . .	.50
S. Cheney, loam and dressing, . . .	2.35
J. C. Thorn, repairs, . . .	9.31
Estate Newell Sanborn, repairs, . . .	15.90
Henry W. Ranlet, repairs, . . .	13.38
G. B. Emmons, repairs, . . .	15.02
P. E. Drew, for grass, . . .	5.25
Nellie M. Dearborn, labor, . . .	.25
Charles Young, labor, . . .	.20
H. J. Cate, repairs, . . .	13.00
Isaac A. Hill, mowing lot, . . .	.25
Mrs. Stetson, repairs, . . .	13.60
Charles H. Jones, repairs, . . .	10.85
John C. Ordway, repairs, . . .	21.92
Blazing Star Lodge, . . .	70.00
Mrs. Lando Morrill, . . .	11.52
Arthur Booth, for wood, . . .	12.83
J. J. Wyman, for wood, . . .	12.81
D. C. Allen, repairs, . . .	5.00
Frank Marden, repairs, . . .	1.37
Geo. Cook, repairs, . . .	12.37
Geo. Cook, digging grave, . . .	1.00
N. B. Walker, repairs, . . .	8.29
P. M. & J. Eaton, repairs, . . .	10.00
G. Buzzell, repairs on lot, . . .	10.00
Chas. J. French, " . . .	5.30
Norman G. Carr, " . . .	17.15
E. E. Brown, . . .	22.05
Abbie C. Dow, " . . .	12.00
James Davis, " . . .	1.00
Estate Sam'l Clark, " . . .	7.00
E. E. Sturtevant Post G. A. R., . . .	10.79
James Lane, labor, . . .	.60
Mrs. L. S. Coffin, repairs on lot, . . .	10.25
Geo. Barton, digging grave, . . .	1.00
L. J. Gordon, repairs on lot, . . .	13.30
John D. Gale, " . . .	24.65

Mrs. Wm. B. Parsons, repairs on lot,	.	.	\$17.78
C. M. Boynton, “	.	.	17.40
Henry G. Chandler, loam and dressing,	.	.	3.35
Prentiss M. Kent, repairs on lot,	.	.	16.90
“ moving remains,	.	.	4.00
E. P. Mudgett, repairs on lot,	.	.	14.00
Charlotte Goodwin, “	.	.	9.00
Harriet Dame, “	.	.	18.40
A. J. Tilton, “	.	.	9.85
Samuel E. Holden, “	.	.	17.57
Mrs. Geo. P. Whittemore, “	.	.	11.00
James E. Thompson, “	.	.	21.00
Geo. T. Abbott, “	.	.	16.00
R. Woodruff, “	.	.	14.00
“ moving remains,	.	.	6.00
Wm. Ray, digging grave,	.	.	1.00
James T. Gordon, repairs on lot,	.	.	8.74
Charles E. Burke, digging grave,	.	.	.75
Mrs. James Chase, repairs on lot,	.	.	6.50
Wilson D. Garvin, “	.	.	16.50
Mrs. Geo. Garvin, moving remains,	.	.	2.00
Estate J. D. Sleeper, repairs on lot,	.	.	8.00
Charles H. Davis, labor,	.	.	.25
Mrs. P. Reed, repairs on lot,	.	.	16.00
Mrs. E. C. Webster, repairs on lot,	.	.	3.50
Mrs. S. A. Manning, loam and fertilizer,	.	.	.56
Mrs. S. A. Brown, digging and trimming grave,	.	.	8.00
Mrs. B. Hadley, repairs on lot,	.	.	1.00
Geo. K. Mellen, “	.	.	27.02
C. C. Webster, “	.	.	22.50
Wm. A. Chesley, “	.	.	21.37
Wm. Ladd, dressing,	.	.	.50
B. G. Tucker, for wood,	.	.	1.00
Mrs. W. W. Fletcher, repairs on lot,	.	.	13.75
Howard M. Cook, repairs on lot,	.	.	8.00
“ digging grave,	.	.	1.00
Clara A. Noyes, repairs on lot,	.	.	13.75
“ moving remains,	.	.	9.00
Mrs. Fred Emerson, repairs on lot,	.	.	.75

Simmons and Emerson, repairs on lot, .	\$.49
Mrs. Mary A. Herron, “ .	1.30
Farley Bros., labor, . . . . .	.70
E. D. Clough, labor, . . . . .	.40
Buzzell, Hoyt, and Green, repairs on lot, .	14.00
H. G. Chandler, repairs on lot,	4.50
Mrs. Frank Wolecott, loan,	1.35
Geo. G. Hatch,	9.75
Mr. Niles, digging grave,	1.00
Mary E. Brown, moving remains,	18.00
Mrs. Sarah E. Irish, repairs on lot, . . .	1.63
Wm. W. Niles, repairs on lot,	22.55
J. W. Hawkins, lawn-mower,	2.50
Frank Wright, labor, . . . . .	.50
E. D. Smith, care of lot,	4.34
Dan'l Holden, “	1.40
E. O. Jameson, “	1.28
Mrs. Sylvester Marsh, “	1.71
Geo. L. Brown, “	1.50
Estate G. G. Edgerly, “ . . . . .	.50
“ James Davis, “ . . . . .	.50
“ Wm. E. Greene, “ . . . . .	.50
John T. Batchelder, repairs on lot, . . .	1.50
O. V. Pitman, care of lot,	3.44
Alden P. Sherburne, care of lot, . . . .	.80
Stephen Quimby, “ . . . . .	.50
A. R. Ayers, “	1.48
C. H. Martin, “ . . . . .	.75
Chas. M. Templeton, “ . . . . .	.50
E. M. Nason, “	1.54
Estate Timothy Haines, “	1.80
M. V. B. Plastridge, “ . . . . .	.50
J. F. Hoyt, “ . . . . .	.60
Mrs. E. G. Carter, “	1.50
William Badger, “	1.16
Mrs. Robert Pecker, “	1.52
Randall Burt, “	1.34
H. C. Sturtevant, “ . . . . .	.60
Andrew Bunker, “ . . . . .	.50

Frank Coffin,	care of lot,	.	.	.	\$.50
L. A. Smith,	"	.	.	.	.50
Samuel Chesley,	"	.	.	.	.60
Mrs. Francis Kilburn,	"	.	.	.	.80
Mrs. Geo. E. Todd,	"	.	.	.	2.00
Mrs. Geo. L. Stratton,	"	.	.	.	1.91
Mrs. A. E. Bailey,	"	.	.	.	1.21
George Clough,	"	.	.	.	1.00
G. D. B. Prescott,	"	.	.	.	.60
J. H. Gallinger,	"	.	.	.	.80
Mrs. J. Y. Mugridge,	"	.	.	.	3.20
A. G. Harris,	"	.	.	.	.60
C. H. Clough,	"	.	.	.	.50
Mrs. A. P. Fitch,	"	.	.	.	2.00
J. E. Sargent,	"	.	.	.	2.10
B. E. Badger,	"	.	.	.	.50
John B. Coleman,	"	.	.	.	.50
Mrs. Waldo Russell,	"	.	.	.	.90
H. B. Tebbetts,	"	.	.	.	.50
Geo. A. Young,	"	.	.	.	1.20
Jacob C. Duncklee,	"	.	.	.	1.45
D. B. Courser,	"	.	.	.	4.60
Stevens & Duncklee,	"	.	.	.	1.95
Miss Abbie J. Moore,	"	.	.	.	.50
John C. Ordway,	"	.	.	.	1.65
J. N. Lander,	"	.	.	.	.60
Estate Elisha Adams,	"	.	.	.	.90
J. J. Wyman,	"	.	.	.	1.40
Thomas Stuart,	"	.	.	.	2.10
Mrs. Helen M. Walker,	"	.	.	.	2.37
Wm. F. Thayer,	"	.	.	.	1.40
Perry Kittredge,	"	.	.	.	.60
Richard M. Ordway,	"	.	.	.	1.17
Mrs. H. E. Perkins,	"	.	.	.	1.05
W. G. C. Kimball,	"	.	.	.	2.66
John S. Blanchard,	"	.	.	.	.50
William B. Durgin,	"	.	.	.	.50
Mrs. P. P. Bixby,	"	.	.	.	1.04
J. A. Cochran,	"	.	.	.	2.70

W. G. Shaw, care of lot,	\$.50
Durrell, Sanborn, Taylor, Brown, care of lot, . . . . .	.50
Frank Jones, care of lot, . . . . .	.50
Geo. A. Cummings, "	1.85
Estate L. W. Ordway, " . . . . .	.50
Geo. A. Foster, "	1.85
Gust Walker, "	1.90
Jonathan Sanborn, "	2.50
Mrs. E. N. Doyen, "	3.50
R. C. Danforth, " . . . . .	.50
B. F. Caldwell, "	2.06
W. P. Ford, " . . . . .	.50
B. W. Couch, " . . . . .	.50
Estate Dutton Woods, "	1.72
Rowell, Clough, and Couch, care of lot, . . . . .	.50
Mrs. O. Baker, care of lot, . . . . .	.50
Charles Noyes, " . . . . .	.50
Geo. F. Kelley, "	2.05
Silas Curtis, "	1.00
J. French, " . . . . .	.50
Frank Adams, " . . . . .	.50
T. J. Carpenter, " . . . . .	.50
Geo. A. Blanchard, " . . . . .	.80
Joshua B. Merrill, " . . . . .	.50
Estate Ira Perley, "	5.70
Samuel C. Eastman, " . . . . .	.50
Geo. W. Crockett, " . . . . .	.50
William M. Chase, " . . . . .	.50
N. H. & G. B. Farley, "	1.50
Mrs. E. F. Mansfield, " . . . . .	.50
John Lamprey, " . . . . .	.50
Nahum Robinson, "	1.60
C. H. Bean, " . . . . .	.75
Benj. Gage, "	1.00
Estate Elijah Knight, "	5.32
Mrs. Martha E. Davis, " . . . . .	.50
Stephen Webster, " . . . . .	.60
Mrs. Asa McFarland, "	1.65
Mrs. J. D. Johnson, " . . . . .	.50

Henry W. Hilson, care of lot, . . .	\$.50
J. E. Hutchins, " . . .	.50
Mrs. J. L. Pickering, " . . .	1.05
L. K. Peacock, " . . .	1.44
Albert S. Hammond, " . . .	1.20
Mrs. Harriet N. Johnson, " . . .	.50
J. B. Colby, " . . .	3.00
Dexter Fitts, " . . .	2.20
Mrs. D. A. Warde, " . . .	2.99
Mrs. A. Annie Straw, " . . .	2.10
Mrs. Judith M. Clough, " . . .	.50
Mrs. J. S. Clifford, " . . .	.75
Gilbert Bullock, " . . .	.50
Mrs. Geo. L. Whitney, " . . .	.50
Joseph Palmer, " . . .	1.15
Mrs. Mary A. Rowell, " . . .	.60
Miss Mary A. Abbot, " . . .	.75
Mrs. N. Bouton, " . . .	1.20
Wm. E. Chandler, " . . .	1.10
Mrs. Martha S. Kimball, " . . .	1.80
Henry P. Moore, " . . .	.50
John & B. A. Kimball, " . . .	4.50
W. W. Cloud, " . . .	.75
Charles Peaslee, " . . .	1.89
Martha J. Gay, " . . .	.50
Mrs. Fred Underhill, " . . .	.75
J. M. Woodward, " . . .	.50
Sylvester Dana, " . . .	.60
Thomas B. Hill, " . . .	.50
J. A. West, " . . .	1.60
Estate Enos Blake, " . . .	.50
E. H. Rollins, " . . .	1.10
J. E. Rand, " . . .	.50
Joseph H. Abbott, " . . .	19.75
Nathan Dunbar, " . . .	.50
Albert J. Abbot, " . . .	.50
Geo. F. Sargent, " . . .	.50
J. Peters, " . . .	.50
Samuel Gill, " . . .	.60

Geo. S. Dennett, care of lot, . . .	\$.50
James McGloughlin, " . . .	.28
Henry A. Mann, " . . .	.50
Edward Dow, " . . .	.50
N. P. Stevens, " . . .	.50
Estate S. K. Blaney, " . . .	.75
Horace Thompson, " . . .	.45
Mrs. R. W. Aldrich, " . . .	1.35
C. P. Virgin, " . . .	1.00
John M. Hill, " . . .	1.85
Mrs. Charlotte Merrill, " . . .	.50
J. F. Cotton, " . . .	.50
Mrs. Nath'l White, " . . .	14.35
James A. Wright, " . . .	1.60
Mrs. H. J. Adams, " . . .	1.35
Mrs. John W. Little, " . . .	1.20
Mrs. J. Howarth, " . . .	.75
John K. Stokes, " . . .	1.80
Geo. T. Ambrose, " . . .	.60
Miss S. J. Leaver, " . . .	1.20
Edson C. Eastman, " . . .	.60
Levi C. Wood, " . . .	1.75
Mrs. Paul R. George, " . . .	.80
Mrs. E. G. Moran, " . . .	.75
Howard A. Dodge, " . . .	1.00
F. Webster, " . . .	.50
Mrs. B. H. Lincoln, " . . .	.50
P. W. Webster, " . . .	.50
George P. Cleaves, " . . .	.50
Estate C. R. Cass, " . . .	.50
Byron G. Merrill, " . . .	.50
Mrs. V. Atkins, " . . .	.50
C. P. Sanborn, " . . .	.50
John McConley, " . . .	3.88
Samuel Brooks, " . . .	.50
Mary F. Cloudman, " . . .	.90
J. S. Russ, " . . .	.60
W. J. Blakely, " . . .	.50
Estate Geo. E. Lawrence, " . . .	.50

C. C. Danforth, care of lot, . . .	\$1.56
Mrs. Henry C. Sanborn, " . . .	.30
Mrs. James D. Kelley, " . . .	.50
Geo. G. Spead, " . . .	.50
Charles E. Thompson, " . . .	.60
H. S. Fairbanks, " . . .	.85
Charles H. Shute, " . . .	1.20
James D. Blaisdell, " . . .	.75
Porter Crane, " . . .	.75
Eben F. Richardson, " . . .	.50
R. C. Danforth, digging grave, . . .	1.00
M. W. Russell, care of lot, . . .	1.50
M. D. Cummings, care of lot, . . .	1.20
T. Blaisdell, dressing, . . .	1.00
David J. Abbott, repairs on lot, . . .	12.00
Hiram W. Ferrin, " . . .	7.50
A. C. Fisher, " . . .	18.42
Stillman Humphrey, care of lot, . . .	1.34
Mrs. A. S. Weed, " . . .	3.40
Labor, &c., on tomb, . . .	175.34
H. G. Chandler, interest, . . .	.43
Merrimack County Savings Bank. interest,	19.62
	<hr/>
	\$1,717.10

Received from trust funds,—

W. F. Thayer, on account of James McQuestion fund,	\$10.91
W. F. Thayer, on account of S. M. K. Adams fund,	13.80
W. F. Thayer, on account of E. L. Knowlton fund,	12.95
W. F. Thayer, on account of E. W. Upham fund,	6.11
W. F. Thayer, on account of Geo. G. Fogg fund,	6.94
W. F. Thayer, on account of Mary Crow fund,	4.85
W. F. Thayer, on account of Mary D. Hart fund,	4.60

W. F. Thayer, on account of Mrs. C. H. Newhall fund,	\$3.94	
W. F. Thayer, on account of Asa Fowler fund,	14.20	
	<hr/>	\$78.30
Received from W. F. Thayer, treasurer, int. on invested fund,		180.33
Received from sale of lots to Dec. 27, 1886,		1,622.40
		<hr/>
		\$4,745.34

EXPENDITURES.

Paid for labor, &c., for 1886, as follows :

Samuel E. Clifford, 194½ days,	\$437.63
T. Carley, 173 "	302.75
B. G. Tucker, 164 "	294.03
S. M. Griffin, 84½ "	126.75
A. Evans, 93½ "	141.50
P. E. Drew, 74½ "	116.18
S. Cheney, 86 "	129.75
R. Carley, 3½ "	5.00
W. A. Drew, 1 "	1.75
E. Drew, 1 "	1.50
A. Sturgis, 9 "	15.75
D. Philbrook, horse, 85 "	85.00
Brown & Abbot, 34 "	34.00
Joshua George, team,	5.15
G. W. Bullock, with team, 18½ days,	72.68
W. H. Keniston, with team, 13½ days,	55.35
E. H. Runnells, with team, 47½ days,	191.75
M. H. Bradley, loam and turf,	323.12
S. Holman, dressing,	67.37
George Goodhue, piping, &c.,	43.32
Humphrey, Dodge & Smith, bill,	96.61
John H. Sargent, bill,	8.75
G. H. H. Silsby & Son, bill, . . . . .	.60
D. L. Guernsey, bill, . . . . .	.60
Foss & Merrill, bill,	20.60
V. C. Hastings, supt., water bill,	16.00

Ira C. Evans, sundry bills,	\$15.50
Mending sprinkler, . . . . .	.20
Concord Horse Railroad, blacksmithing,	7.95
Postage stamps and stationery,	6.81
Ordway & Ferrin, cement, . . . . .	.75
W. S. Davis, bill,	5.25
S. M. Griffin, chains and wagon jack,	3.00
Monitor, notice, . . . . .	.40
Patriot, notice, . . . . .	.25
James H. Chase, bill,	5.00
J. T. Batchelder, bill,	7.33
George Main, plants,	29.80
W. M. Colby, plants,	5.00
T. Blaisdell, tamp bar,	1.38
Mead & Mason, bill,	18.13
John Hawkins, bill,	41.00
A. C. Fisher, bill,	3.00
Howard M. Cook, services,	2.00
Willis D. Thompson, bill,	25.84
G. Buzzell, filing saw, . . . . .	.35
Jonathan Sanborn, bill,	11.25
E. A. Moulton, bill,	1.18
H. S. Sargent, 100 maple trees,	65.00
M. Gannon, splitting stone, . . . . .	.50
Mending turf-cutter,	1.50
Frank Low, 3 settees and express,	3.60
E. E. Fisher, key, . . . . .	.20
C. E. Stevens, and Lamprey, labor on wall,	27.48
C. E. Stevens, $\frac{1}{2}$ survey bill, . . . . .	.50
Nelson Glondy, 1 cord manure,	5.00
Woodworth, Dow, & Co., cement,	1.60
Frank Hoit, bill,	2.00
O. Goss, rock-lifter,	22.50
Freight on rock-lifter, . . . . .	.25
C. F. Batchelder, bill,	1.25
A. C. Holt, measuring wood and lumber,	1.00
J. H. Rowell, bill,	2.00
P. McIntire, 3 cords manure,	15.00
James Leary, $8\frac{1}{2}$ cords manure,	52.00

Sperm oil,	\$.25	
Miller & Sanborn, balance on old bill,	15.00	
	<hr/>	\$3,001.49
Paid city treasurer, one half sale lots :		
Not deposited in 1885,	\$5.00	
Paid during 1886,	806.22	
	<hr/>	\$811.22
Balance in hands James Minot, <i>Treasurer</i> ,		932.63
		<hr/>
		\$4,745.34

OLD NORTH CEMETERY.

Balance in hands of committee, per report,	
December 31, 1885,	\$84.85

Received from trust fund,—

W. F. Thayer, for interest on invested fund,	\$42.89	
W. F. Thayer, " Wentworth fund,	2.51	
W. F. Thayer, " T. French fund,	3.81	
W. F. Thayer, " A. Sweetser fund,	3.80	
	<hr/>	\$53.01

Received from labor, etc., 1886, as follows :—

Mrs. Mansise, repairs on lot,	\$6.50
J. B. Burnham, "	1.00
Lewis Coburn, digging grave,	2.50
A. Warren, repairs on lot,	3.83
Samuel Shute, "	7.68
C. M. Boynton, "	6.55
Albert Ordway, "	4.00
T. Blaisdell, "	3.02
Mrs. Butters, "	1.00
Mrs. Sophia Cushing, repairs on lot,	1.65
Joseph P. Stickney, "	7.08
Miss Bessie Morrill, " . . . . .	.50
Mrs. Gilbert, "	1.00
W. Frank Keniston, for grass,	10.00
Byron C. Hill, "	1.00

J. P. Tucker, care lot,	\$1.60	
A. C. Fisher, digging graves,	5.00	
G. L. Lovejoy, "	18.28	
	<hr/>	\$82.19
		<hr/>
		\$220.05

EXPENDITURES.

Sam'l E. Clifford, 8 days,	\$18.00	
T. Carley, 8 days,	14.00	
B. G. Tucker, 8 days,	14.00	
S. M. Griffen, 6 days,	9.00	
A. Evans, 8 days,	12.00	
S. Cheney, 6 days,	9.00	
P. E. Drew, 6 days,	9.00	
R. Carley, 3 days,	4.50	
S. Holman, dressing,	37.50	
	<hr/>	\$127.00
Balance in hands of James Minot, treasurer,	93.05	
	<hr/>	\$220.05

J. H. CHASE,
J. E. ROBERTSON,
JAMES MINOT,

Committee.

Concord, N. H., December 31, 1886.

EAST CONCORD CEMETERY.

To the City Council:

The committee of Pine Grove cemetery respectfully submit the following report for the year ending December 31, 1886:

Cash on hand, December 31, 1885,	\$42.27	
Sold 7 lots, 1886,	35.00	
	<hr/>	\$77.27
Paid city treasurer one half sale of lots, 1885,	\$10.00	
" " " " 1886,	7.50	

Expense,	\$3.15	
Cash December 31, 1886,	46.62	
	<hr/>	\$67.27
Paid city treasurer one half sale of 4 lots on 1887 acc't.		10.00
		<hr/>
		\$77.27

Respectfully submitted,

CHAS. E. STANIELS,

J. E. PLUMMER,

C. D. ROWELL,

Committee.

WEST CONCORD CEMETERY.

The report for year ending December 31, 1886, is as follows :

Cash on hand January 1, 1886,	\$9.61	
Received from sale of lot,	2.00	
	<hr/>	\$11.61
Paid city treasurer one half sale of lot,	\$1.00	
Paid for care and improvement of grounds,	8.25	
Cash on hand January 1, 1887,	2.36	
	<hr/>	\$11.61

Respectfully submitted,

JAMES M. CROSSMAN,

BENJAMIN T. PUTNEY,

OMAR L. SHEPARD,

Cemetery Committee.

West Concord, N. H., January 1, 1887.

FIRE DEPARTMENT.

CHIEF ENGINEER'S REPORT.

To the City Council:

In compliance with the provisions of the ordinance relating to the Fire Department, I herewith respectfully submit the annual report of its condition and working, together with such recommendations as, in my opinion, will materially increase its efficiency.

REMARKABLE IMMUNITY FROM FIRE.

It is a matter of congratulation that our damage from fire has been so slight during the past year, comparing favorably with the small losses of the several years previous.

This is especially true of the compact part of the city. The invariably prompt response of the Department, when an alarm is sounded, tends to keep the loss by fire small, by obtaining control before the fire gets headway. Notwithstanding the comparatively slight amount of work the Department has been called upon to do, its efficiency and discipline have been kept up to its old standard; and the Department was never in better condition than to-day. This is due, in a great measure, to the interest taken in the organization, not only by the city council, but by our citizens generally, who do not cavil or find fault because of the cost of maintaining a department when there is not much call for its services. The history of many of the destructive fires which have occurred in other places will show that in too many cases the main cause has been, that by reason of a long exemption, the discipline has become lax, followed by a desire of those in authority to cut down expenses. The result has been that when a large fire did get started the Department found itself unable to successfully cope with it, owing to impaired discipline, insufficient apparatus, poor hose, etc.

I am happy to say that such false economy has not been the policy of our city council of late years.

There have been twelve box alarms during the year, viz., one each from boxes 45, 46, 5, 18, 24, 26, 32, 42, 17, and 34, and two from box 41. There have been twelve still alarms where assistance has been summoned from the Central station, mostly from chimney fires. There has not been a fire in any building occupied for mercantile or manufacturing purposes, and the total loss within a mile and a half of the business centre of the city amounts to only \$237.50, with an insurance of \$62.50. At Penacook the loss has been \$2,150, insurance, \$1,125; East Concord, \$1,950, insurance, \$1,200; West Concord, \$4,000, insurance, \$2,500; other outlying portions of the city, \$2,000, insurance, \$1,200; total loss, \$10,337.50, insurance, \$6,087.50. Of this amount the loss of \$5,450 comes from the destruction of farm buildings, etc., situated beyond the reach of the Fire Department, with the exception of the Dumas barn, situated nearly a mile from the nearest box, and only reached by using 1,700 feet of hose in one line.

LIST OF FIRES AND ALARMS—PRECINCT.

Feb. 10, 1:55 p. m. Box 45. House on South Main street, owned by D. J. Murphy, and occupied by Peter Walker. Slight fire, originating in a closet. Accidental. Loss, \$5; insurance recovered, \$5.

Feb. 16, 4:14 p. m. Box 46. House on corner of Perley and Pierce streets, owned by W. A. Bean, and occupied by J. Halloran. Cause, overheated stove. Loss, \$30; insurance recovered, \$30.

Feb. 26, 7:28 p. m. Box 5. Building in Concord Railroad yard used as a freight car repair-shop and stove-house. Cause, accidental. Loss, small; no insurance claimed.

April 18, 1 a. m. Still. House on North State street, owned by Mrs. B. P. Stone, and occupied as a boarding-house by Mrs. T. M. Stanley. Cause, smoking in bed. Fire confined to bedding. Assistance rendered from Central station. Loss, \$25; no insurance.

April 24, 6:20 a. m. Box 18. Chimney fire in residence of John Crowley on Perry avenue. No loss.

May 27, 12:31 p. m. Box 24. Slight fire in a closet in Stickney's north block. Loss slight.

June 5, 11:46 A. M. Box 41. House corner of South and Cross streets, owned by Frank G. Edgerly and occupied by J. S. Moses and J. W. Gordon. Fire confined to roof. Cause, sparks from chimney. Loss claimed, \$2.50; insurance recovered, \$2.50.

June 11, 2:55 P. M. Box 26. House owned and occupied by Wm. G. Mason, on Centre street. Caused by chimney. Loss, \$25; insurance recovered, \$25.

July 13, 6:29 P. M. Box 32. Farm buildings owned by Mrs. D. A. Warde, and occupied by Wm. McMullen, on the Millville road. Totally destroyed. Could not be reached by Fire Department. Cause unknown. Loss, \$1,000; insurance, \$400.

August 18, 8:1 A. M. Box 42. House on Cross street, owned by P. Griffin and occupied by J. M. Phillips. Fire confined to closet. Cause unknown. Loss small.

Sept. 17, 2:45 P. M. Box 17. Sheds west of Rumford street, owned and occupied by J. H. Rowell for the storage and boiling of tar. Cause, accidental. Loss, \$150. No insurance.

Oct. 25, 8:51 P. M. Box 41. Barn on Clinton street, owned by S. H. Dumas, and occupied by Charles Pierce. Incendiary. Loss, \$1,000; insurance, \$800.

PENACOOK.

April 10, 11:20 P. M. Dwelling-house owned and occupied by George E. Flanders, at the "Borough." Cause, defective chimney. Loss, \$1,500; insurance, \$825.

June 12, 1:30 A. M. Boiler-house of H. H. Amsden & Son's furniture manufactory. Cause, explosion of dust or gas. Loss, \$350; no insurance.

July 5, 10:30 P. M. House owned by Baptist church, used for a parsonage. Cause, sparks from fire-works. Loss, \$300; insurance recovered, \$300.

EAST CONCORD.

June 5. Fire in the woods on the Plains. Loss, \$150; no insurance.

Oct. 16. Farm buildings belonging to Fred Rollins. Loss, \$1,800; insurance, \$1,200.

WEST CONCORD.

Nov. 23. House owned and occupied by John B. Giles. Cause unknown, probably accidental. Loss, \$4,000; insurance, \$2,500.

EXPENSES.

The cost of maintaining the Department the past year has been \$12,683.22. Of this amount the sum of \$550 for new horses; \$130.63 for painting Central station; \$98.30 for a new furnace in Alert Hose house; \$151.94 for putting in new flues, steam-fitting, and resetting the boiler at Central station; \$50 for a new hose sleigh for Pioneer steamer company at Penacook; \$50 for new floor in engine-house at East Concord,—making a total of \$1,030.87,—may be classed as extraordinary and unusual. The gross amount also includes the sum of \$1,434.44, which was the cost of the improvement and maintenance of the fire-alarm.

The expense of maintaining our department will compare favorably with other cities of our size, where any effort is made to maintain a first-class organization, and keep small the fire loss.

FIRE-ALARM TELEGRAPH.

This excellent and invaluable auxiliary has given most perfect satisfaction. Its needs have been closely looked after by its indefatigable superintendent, and all accidents met and defects promptly repaired.

From information from other cities having the electric fire-alarm in use, I am satisfied that we have less trouble with ours than in a majority of instances. During the past year a new four-circuit repeater has been put in to take the place of the old two-circuit one. Two new boxes have been added, viz., No. 14, at corner of State and Penacook streets, and No. 47, at corner of South and Downing streets. Fourteen new poles have been set and about two and one fourth miles of copper wire strung. The division of the alarm into four circuits, which was recommended by my predecessor, and which I deem very desirable, will require about four miles of new wire and twenty-five poles. I would recommend that a few boxes be added each year, until all parts of the city are properly covered. The efficiency of the alarm is greatly reduced by the want of another bell to take the

place of the one in the tower of the Methodist church on North State street. Something should be done at once to remedy this defect, as the north part of the city is at present without adequate means of giving an alarm.

FORCE, ETC.

The force of the Department is as follows: In the Precinct, at the Central Station, two second-class Amoskeag steamers,—“Kearsarge,” with “Kearsarge Hose” (16 men), and “Gov. Hill,” relief steamer, with “Eagle Hose” (13 men). The hose-carriages are both of Amoskeag manufacture, first-class. Hook and Ladder carriage, “City of Concord” (20 men). All the apparatus is drawn by horses. All the men in these companies are *call* men. The permanent employés are steward, assistant steward, and three drivers. There are six horses, besides the steward’s horse, always held within reasonable distance to respond to an alarm.

The “Alert Hose” (12 men), at the North End, and the “Good-Will Hose” (12 men), at the South End, are each provided with a horse, kept constantly at a hack-stable adjoining the hose-houses. The “Alert” uses a modern Department wagon, and the “Good-Will” a second-class Amoskeag four-wheel carriage. Each has the swinging harness. The men are all *call* men.

The “Pioneer” steamer at Penacook (28 men) is a fourth-class Silsby, with a second-class Amoskeag hose-carriage. The steamer can be drawn by horses or by hand, as necessity may require. Horses are held available.

The “Old Fort” at East Concord, and the “Cataract” at West Concord, are hand-engines, with jumpers for hose. Their complement of men is 30 each.

The board of engineers consists of chief and three assistants in the Precinct, and one assistant each at Penacook, East Concord, and West Concord. The entire force numbers 173 men,—82 in Precinct and 91 outside.

The apparatus has been properly tested at regular intervals.

The protection of personal property and the control of its removal are in the charge of the city marshal and police force, and whenever required have been promptly and properly rendered.

HOUSES.

The buildings occupied by the several companies are in good condition, with the exception of the house at West Concord, which I trust will soon be replaced by a new one. The interior of the house of Hose 3 will need repainting the coming year. I would also recommend that a furnace be put in, similar to the one in the house of Hose 2, which has given good satisfaction, and is much more economical than the old way of heating. The boiler at the Central Station has been thoroughly overhauled, new flues put in, and is now as good as new. The hall-way, engineer's room, and sleeping apartments at the Central Station have been repainted, and otherwise put in the best condition.

A new furnace has been put into the house of Hose 2, and their carriage-room newly painted, etc. The houses have all been kept in good order by those having them in charge. The large number of visitors to our different houses all speak words of praise for the neatness and good order everywhere visible.

APPARATUS.

The apparatus belonging to the Department is all in excellent condition. The supply and fire-alarm wagons and sleighs have been touched up, the running-parts repainted and newly varnished.

I hope the time is not far distant when the hand-engine at West Concord will be replaced by a hose-carriage, provided the contemplated water-supply shall be introduced there. The engine now is practically useless, as it takes a complement of fifty men to work it properly, and there are but a few places where they can get a supply of water for it.

HOSE.

We have now on hand thirty-three hundred feet fabric hose, "Paragon" brand, all in excellent condition, and two thousand feet leather hose, which has been in service a long time and is unreliable. The latter is only used to take the place of the fabric on the reels, while the latter is being dried after being used, when it is at once taken off and the fabric put back again. I would recommend the purchase of two thousand feet additional

hose at once, so that the Department will have enough of a reliable character for a complete change, and for use in an emergency.

LOSS BY WATER.

Experience teaches us that there is often danger of a greater damage by the injudicious use of water, where there is an unlimited supply, than by fire. The members of this Department have been fully instructed and cautioned in this respect. In several fire departments where there is no insurance protective brigade, they have added to their equipments rubber blankets of different sizes, which are carried on the apparatus and handled by some of the regular force; and thousands of dollars are saved from loss by water in consequence. With the large increase of tenements in our business blocks, the danger of fire also is enhanced. And while a fire could be easily extinguished with a small fire loss, it would take a very considerable quantity of water to do it, which, running down through the upper stories into offices and stores below, would do a large amount of damage. By use of the rubber covers, hanging in front of shelves or lying over the goods on counters, the loss would be comparatively small. They would also be of equal benefit, in many instances, where fires occur in the upper parts of dwelling-houses, by covering the furniture. I recommend the purchase of a sufficient number for the use of this Department.

NEW HYDRANTS.

Four new hydrants have been erected during the year, viz.,—One north-east corner of Summer and Pitman streets; one Minot street, near Odd-Fellows' Home; one north-west corner of High and Auburn streets; one Valley street, opposite Forest street; and one removed from Railroad square to south-west corner of Franklin and High streets. The whole number of public hydrants is now 113; private hydrants, 22.

INSPECTION OF BUILDINGS.

As has been the custom in this Department, the Board of Engineers, late in the fall, made a thorough inspection of some

of the manufacturing establishments, basements of business blocks, and other places where combustible material is liable to be stored, and some of the new tenement blocks recently finished. While we found much improvement over former years, yet there are a few tenants, as well as property-owners, who are very careless in allowing all sorts of rubbish to collect in basements and other dangerous localities. Many of the worst fires are caused by using the basements of stores for storing all sorts of material of a combustible nature, giving a fire a good start. Packing-boxes, some filled with excelsior, hay, straw, waste paper, etc., are allowed to accumulate in a cellar, perhaps in close proximity to a furnace, or piled up around back doors, forming very inviting places to the incendiary. I believe that it would be good policy to constitute the Chief Engineer an inspector of buildings, with full power to act in all such cases, and also to look after the construction of new buildings, thus lessening the danger of accidental fires. In this connection, allow me to say that it is apparent the thorough discussion of the insurance question of late has had a tendency to cause manufacturers and other property-holders to introduce better protection against fire, and exercise greater care than formerly about their own premises.

AN EXCELLENT PRECAUTION.

The officers of the National State Capital Bank of this city have caused shelves to be erected in the upper hall-ways of their fine building, placed about four feet high, on each of which are four fibre-pails, artistically painted, and labelled "For fire purposes only," filled with water, with tin covers, adjusted with wire springs, so as to be kept in position. There are three sets of these pails, and attached to one is a fire-axe and bar, held by straps beneath the shelf. All these are at hand for instant use. I would recommend the adoption of like measures by the owners of all blocks, hotels, and manufactories. Many large conflagrations, coming within the scope of my own knowledge, could have been prevented had these means been at command in the early stage of the fire. Sand can be used instead of water when there is danger of freezing, and the latter would be prefer-

able where there is a liability of fire caused by oil, or explosion of lamps, etc.

PERSONNEL OF THE DEPARTMENT.

There have been but a very few changes in the membership of the Department during the past year ; in fact, a large majority of the members, although young in years, are veterans in the service. Such men need but little "bossing," and take just pride in the good name of the Concord Fire Department, whose well earned reputation they have helped to make. The permanent men attached to the Central Station have attended to their several duties faithfully. The excellent manner in which the station has been kept by the steward and assistant is often spoken of by visitors. The drivers have paid strict attention to their duties, and are at all times gentlemanly, and ready to obey orders.

FIREMEN'S RELIEF ASSOCIATION.

In the winter of 1883-'84 the members of the Precinct Department formed a relief association, which had, at the date of its organization, an endowment of \$600. This sum has been increased by annual assessments, and amounts, January 1, 1887, to \$900.42, well invested. No casualty has occurred since its organization, and consequently there has been no occasion for payment of its benefits.

ACKNOWLEDGMENTS.

I desire to express my thanks to His Honor the Mayor for his uniform courtesy, and for the kindly interest he has at all times manifested in the welfare of this Department ; also to the members of the Fire Committee, who have always been ready to do everything in their power to increase the efficiency of the Department ; and to the City Marshal and members of the police force, who have ever been ready to aid when needed. I am under great obligations to the Assistant Engineers for their support, and their prompt and skilful discharge of all duties. The officers and members of the several organizations, including

Torrent Engine Co. No. 1, of Boseawen, are entitled to my thanks for their quick response to duty, their gentlemanly conduct, and prompt attention to orders.

DANIEL B. NEWHALL,

Chief Engineer.

Concord, December 31, 1886.

ROLL OF THE FIRE DEPARTMENT, 1886.

CHIEF ENGINEER.

DANIEL B. NEWHALL,	Transfer mail clerk,	9 Centre street.
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ASSISTANT ENGINEERS.

PRECINCT.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
JOSEPH S. MERRILL,	Carriage trimmer,	13 South State street.
BENJAMIN F. TUCKER,	Deputy sheriff,	46 Lyndon street.
GEORGE L. LOVEJOY,	Undertaker,	60 Pleasant street.

WARD 1.

WILLIAM W. ALLEN,	Merchant,	Penacook.
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WARD 2.

JOHN E. FRYE,	Farmer,	East Concord.
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WARD 3.

SIMEON PARTRIDGE,	Blacksmith,	West Concord.
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B. F. TUCKER, *Clerk of Board.*

EBEN F. RICHARDSON, *Steward Central Fire Station and Superintendent Fire-Alarm.*

WILLIS K. WINGATE, *Assistant at Central Station.*

Chief and Assistants and Steward and Assistant are designated by special and appropriate badges.

“ KEARSARGE ” STEAM FIRE ENGINE AND HOSE COM- PANY, No. 2.

OFFICERS.

JOHN J. McNULTY, *Foreman.*

WILLIAM C. GREEN, *Clerk.*

CHARLES C. BLANCHARD, *Asst. Foreman.* JAMES H. SANDERS, *Engineer and Treas.*

MEMBERS.

<i>Badge No.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
11	John J. McNulty,	Machinist,	Cor. State and Perley sts.
12	Charles C. Blanchard,	Carriage painter,	64 South State street.
13	William C. Green,	Machinist,	8 South Main st.
15	James H. Sanders,	Carriage painter,	25 Perley st.
16	Charles H. Sanders,	Machinist,	7 Short st.
17	J. Edward Morrison,	Machinist,	15 Monroe st.
18	Sylvester T. Ford,	Moulder,	41 Thorndike st.
19	Frank E. Heath,	Clerk,	5 Rumford st.
20	Charles H. Barrett,	Hair-dresser,	44 Washington st.
21	Thomas H. Cleary,	Moulder,	26 Perley st.
22	William A. Sewall,	Teamster,	70 Warren st.
23	Henry O. Powell,	Blacksmith,	57 North Spring st.
23	O. Smith Aldrich,	Switchman,	Stiekney's block, Main st.
24	Thomas J. Morrison,	Carriage painter,	30 Downing st.
25	Harry S. Leavitt,	Carriage painter,	51 Laurel st.
26	Ehner H. Farrar,		11 West st.
27	Oscar Thomas,	} <i>Teamsters.</i>	{ Central Fire Station.
28	James Mercer,		

Steamer is a second-class Amoskeag, drawn by two horses. Hose carriage four-wheel, first-class Amoskeag, drawn by one horse.

“ EAGLE ” HOSE COMPANY, No. 1.

Relief Steamer “ Gov. Hill ” is assigned to this company—Chas. H. Sanders, *Engineer.*

OFFICERS.

GEORGE W. JOHNSON, *Foreman.*

JOHN T. KENT,

JAMES HOIT, *Asst. Foreman.*

Clerk and Treasurer.

MEMBERS.

<i>Badge No.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
24	George W. Johnson,	Carriage painter,	44 Downing st.
25	James Hoit,	Clerk,	28 North Main st.
26	John T. Kent,	Wood-worker,	18 Maple street.
27	John C. McGilvray,	Jig-sawyer,	26 Maple street.
28	Walter J. Coffin,	Harness-maker,	12 North State st.
29	E. Frank Winegar,	Cook,	15 South st.
30	William E. Perry,	Porter,	4 Railroad square.
31	T. Edwin Sanborn,	Shoemaker,	16 Wall st.
32	William R. Dudley,	Harness-maker,	6 Monroe st.
33	John J. Chisholm,	Harness-maker,	36 North State st.
34	L. W. Tosier,	Hair-dresser,	12 North State st.
35	Charles H. Sanders,	Blacksmith,	21 Wall st.

Jeremiah J. Donovan, *Teamster*, Central Station.

Steamer “ Gov. Hill ” is a second-class Amoskeag. Hose carriage (one horse) is a four-wheel, first-class Amoskeag.

"ALERT" HOSE COMPANY, No. 2.

OFFICERS.

CHARLES A. DAVIS, *Foreman*.
 HARRY TUCKER, *Asst. Foreman*.
 FRED LEIGHTON, *Clerk*.

FRED S. JOHNSON, *Treasurer*.
 FRED EARLE, *Steward*.

MEMBERS.

<i>Badge No.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
37	Charles A. Davis,	Carriage builder,	25 Washington st.
38	Henry Tucker,	Moulder,	41 Jackson st.
39	Fred Leighton,	Printer,	108 North State st.
40	William F. Tucker,	Clerk,	43 Franklin st.
41	Fred S. Johnson,	Harness manufacturer,	28 Centre st.
42	Hamilton W. Piper,	Builder,	44 Lyndon st.
43	Charles C. Hill,	Hackman,	46 Washington st.
44	James P. Harlow,	Moulder,	206 North Main st.
45	Fred Earle,	Moulder,	41 Jackson st.
46	William J. Ahern,	Merchant,	62 Franklin st.
48	Frank H. Silver,	Blacksmith,	25 Jackson st.
49	James K. Kennedy,	Barber,	Blanchard st.

Charles C. Hill, *Teamster*.

Hose wagon is a modern department wagon of Concord manufacture—W. S. Davis & Son. It is drawn by a single horse.

"GOOD-WILL" HOSE COMPANY, No. 3.

OFFICERS.

JOHN C. MILLS, *Foreman*.
 GEORGE H. SAWYER, *Asst. Foreman*.

IRA H. MAXFIELD, *Clerk*.
 HIRAM O. MARSH, *Treasurer*.

MEMBERS.

<i>Badge No.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
50	John C. Mills,	Blacksmith,	32 Downing st.
51	George H. Sawyer,	Blacksmith,	45 South Main st.
52	Ira H. Maxfield,	Ice driver,	55 South Spring st.
53	Hiram O. Marsh,	Coal dealer,	43 South Main st.
61	Myron Chesley,	Blacksmith,	42 South State st.
55	Charles P. Nutter,	Painter,	39 Laurel st.
56	George A. Ordway,	Painter,	43 South st.
57	Elmer J. Brown,	Blacksmith,	3 Broadway st.
60	Heman Schaffler,	Barber,	97 South Main st.
53	Charles W. Wilcox,	Hackman,	32 South State st.
62	William A. Bean,	Organ-maker,	18 Mills st.
59	T. P. Davis,	Blacksmith,	97 South Main st.

Charles W. Wilcox, *Teamster*.

Hose carriage is a four-wheel, second-class Amoskeag, drawn by a single horse.

“ CITY OF CONCORD ” HOOK AND LADDER COMPANY,
No. 1.

OFFICERS.

NAPOLEON B. BURLEIGH, *Foreman*
ANDREW L. LANE, *Asst. Foreman*.
CHARLES E. PALMER, *Clerk*.

FRANK T. BEAN, *Treasurer*.
EDWARD E. LANE, *Steward*.

MEMBERS.

<i>Badge No.</i>	<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
63	Napoleon B. Burleigh,	Machinist, Northern R. R.,	13 Prince st.
64	Andrew L. Lane,	Carriage builder, A. D. Co.,	19 Perley st.
65	Charles E. Palmer,	Carriage builder, A. D. Co.,	112 School st.
66	Frank P. Burham,	Blacksmith A. D. Co.,	11 Downing st.
68	Frank T. Bean,	Wood-worker,	106 School st.
69	Edward E. Lane,	Carriage builder,	Fremont st.
70	Will W. Kennedy,	Upholsterer,	104 Rumford st.
71	Lucius D. Caldon,	Carriage builder, A. D. Co.,	9 West st.
72	Joseph H. Lane,	Carriage builder, A. D. Co.,	7 Laurel st.
73	Charles S. Flanders,	Carriage builder, A. D. Co.,	4 Avon st.
74	George A. Huntoon,	Carriage builder (Holt's),	13 Laurel st.
75	Cyrus A. Abbott,	Stone-cutter,	55 South State st.
76	Benjamin Ouellette,	Wood-worker, Concord R. R.,	10 Jefferson st.
77	Philip Plummer,	Wood-worker, Concord R. R.,	77 North Spring st.
78	Thomas F. Symonds,	Barber,	Grove st.
79	Fred Rushlow,	Painter, A. D. Co.,	1 Pierce st.
80	George S. Kellom,	Stone-cutter,	90 Washington st.
81	John G. Wells,	Painter, A. D. Co.,	30 Grove st.
82	Will C. Trenoweth,	Stone-cutter,	129 North State st.
83	Frank J. Hodgdon,	Blacksmith, A. D. Co.,	30 West st.

Henry C. Robinson, *Teamster*, Central Station.

Hook and Ladder truck made by Abbot-Downing Co., Concord, N. H. Drawn by two horses.

"PIONEER" STEAM FIRE ENGINE COMPANY, No. 3.

Penacook.

OFFICERS.

JOHN H. ROLFE, *Foreman.*D. WARREN FOX, *Asst. Foreman.*JOHN B. DODGE, *Clerk.*JOHN W. POWELL, *Foreman of Hose.*GEORGE S. LOCKE, *Engineer.*ENOCH E. ROLFE, *Steward.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
John H. Rolfe,	Sash-maker,	Summer st.
D. Warren Fox,	Salesman,	Merrimack st.
John B. Dodge,	Glazier,	Merrimack st.
John W. Powell,	Cigar dealer,	High st.
George S. Locke,	Saw manufacturer,	Merrimack st.
Enoch E. Rolfe,	Cabinet-maker,	Church st.
Joseph E. Symonds,	Table manufacturer,	Summer st.
Samuel G. Sanborn,	Blacksmith,	Washington square
Henry Rolfe,	Carpenter,	Penacook st.
James Kelley,	Axle-maker,	Church st.
Edwin B. Prescott,	Market-man,	Main st.
George H. Sager,	Machinist,	High st.
Abiel W. Rolfe,	Door, sash, and blind manufacturer,	Penacook st.
George H. Tucker,	Blacksmith,	High st.
Harper S. Allen,	Door-maker,	Merrimack st.
George W. Corey,	Carpenter,	Charles st.
J. Edwin Marden,	Saw manufacturer,	Summer st.
Fred C. Ferrin,	Cabinet-maker,	High st.
Thomas C. French,	Carpenter,	Charles st.
John G. Ward,	Cabinet-maker,	Webster place.
William P. Chandler,	Carpenter,	High st.
Ruel G. Morrill,	Farmer,	Washington st.
Daniel Smith,	Market-man,	Summer st.
Barney Gunn,	Carpenter,	Washington st.
Frank O. Emerson,	Fireman,	Union st.
David S. Marsh,	Cabinet-maker,	Centre st.
Allen C. Bean,	Teamster,	Summer st.
Walter H. Rolfe,	Machinist,	Merrimack st.

Henry H. Morrill, *Teamster.*

Steamer "Pioneer" is a fourth-class Silsby. Hose carriage is a four-wheel Amoskeag.

"OLD FORT" ENGINE COMPANY, No. 2.

East Concord.

OFFICERS.

JOSEPH E. PLUMMER, *Foreman.*JOHN C. HUTCHINS, *Treasurer.*HARRISON H. CARPENTER, *Asst. Foreman.*THOMAS B. DICKERMAN, *Steward.*CYRUS E. ROBINSON, *Clerk.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
Joseph E. Plummer,	Painter,	Penacook st.
Harrison H. Carpenter,	Hose-maker,	Portsmouth st.
John C. Hutchins,	Engineer,	Penacook st.
Cyrus E. Robinson,	Hose-maker,	Penacook st.
Elbridge Emery,	Farmer,	Potter st.
George H. Curtis,	Cabinet maker,	Portsmouth st.
Daniel H. Sanborn,	Farmer,	Shaker st.
Ami Dubia,	Stone-cutter,	Eastman st.
Charles C. Chesley,	Blacksmith,	Penacook st.
Anthony P. Cate,	Blacksmith,	Shawmut st.
Henry H. Bean,	Stone-cutter,	Shawmut st.
Orlando W. Coon,	Butcher,	Portsmouth st.
William L. Bachelder,	Farmer,	Potter st.
Albert H. Moores,	Butcher,	Portsmouth st.
William H. Smith,	Machinist,	Eastman st.
James L. Potter,	Farmer,	Potter st.
Thomas B. Dickerman,	Painter,	Penacook st.
Rodolph Frost,	Stone-cutter,	Eastman st.
Martin F. Rowell,	Farmer,	Potter st.
Samuel G. Potter,	Farmer,	Appleton st.
George O. Robinson,	Hose-maker,	Penacook st.
Ross W. Cate,	Blacksmith,	Shawmut st.
Fred S. Farnam,	Carpenter,	Penacook st.
Irvin Robinson,	Wood-worker,	East Clinton st.
Henry Cushing,	Stone-cutter,	Penacook st.
Henry P. Hutchins,	Fireman,	Penacook st.

Hunneman 5-inch cylinder hand engine, with hose jumper—drawn by hand.

"CATARACT" ENGINE COMPANY, No. 3.

West Concord.

OFFICERS.

JOHN V. SPEED, *Foreman.*FRED F. TUCKER, *Asst. Foreman.*GEORGE W. KEMP, *Clerk.*FRED BESSIE, *Foreman of Hose.*ANDREW J. ABBOTT, *Treasurer.*JAMES FANNON, *Steward.*

MEMBERS.

<i>Names.</i>	<i>Occupations.</i>	<i>Residences.</i>
John V. Speed,	Stone-cutter,	Main st.
Fred F. Tucker,	Painter,	Depot st.
George W. Kemp,	Mill operative,	Main st.
Andrew J. Abbott,	Farmer,	Main st.
Fred Bessie,	Stone-cutter,	High st.
James Fannon,	Stone-cutter,	Main st.
William A. Little,	Section hand,	Main st.
Fiesco P. Engel,	Dyer,	Main st.
Hiram E. Quimby,	Stone-cutter,	Main st.
Herbert B. Peabody,	Stone-cutter,	Main st.
James M. Crossman,	Blacksmith,	Hutchins st.
Frank Blodgett,	Stone-cutter,	Main st.
Abial C. Abbott,	Quarryman,	Main st.
William A. Martin,	Teamster,	Main st.
Edgar D. Eastman,	Carriage-maker,	Main st.
J. Howard Holbrook,	Section hand,	High st.
Charles F. Roberts,	Butcher,	Hutchins st.
Sherman Holmes,	Quarryman,	Main st.
William Lynch,	Quarryman,	Main st.
William Silver,	Stone-cutter,	Main st.
Corliss George,	Stone-cutter,	Main st.
Frank Putney,	Blacksmith,	Hutchins st.
John E. Ryan,	Overseer,	High st.
Miles McSweeney,	Overseer,	Main st.
James Welch,	Expressman,	Main st.
Sylvanus E. Danforth,	Carpenter,	Main st.
Patrick Ryan,	Stone-cutter,	High st.
Cornelius Giles,	Stone-cutter,	Main st.
Patrick Conway,	Engineer,	Main st.
Michael T. Hayes,	Engineer,	High st.

Hunneman 6-inch cylinder hand engine, with hose jumper—drawn by hand.

SUMMARY OF MEMBERS.

 IN PRECINCT.

Engineers,	4
Steamer and Hose members,	16
Hose members,	37
Hook and Ladder members,	20
Steward, assistant steward, and regular drivers (3),	5
	— 82

WITHOUT PRECINCT.

Engineers,	3
Members at Penacook,	28
Members at East Concord,	30
Members at West Concord,	30
	— 91
Total,	173

REGULATIONS OF THE CONCORD PRECINCT
FIRE DEPARTMENT.ADOPTED BY THE BOARD OF ENGINEERS, JANUARY, 1874.

ARTICLE 1. Any engine or hose company running out a line of hose from a hydrant or steamer shall be entitled to the pipe, although the hose of other companies may be attached in order to reach the fire; and any company coming to a fire, and finding an incomplete line of hose laid out from a hydrant or steamer, shall attach to and lengthen out such line, in lieu of laying a line of its own.

ART. 2. When two or more engine or hose companies are playing in a continuous line, the pipe shall belong to the company attaching to the hydrant or steamer, as provided in the foregoing article; but any company furnishing the *entire* line, and receiving water from a steamer, the pipe shall belong to such company so receiving.

ART. 3. Each engine and hose company shall have equal claim to the hydrants; but it is enjoined upon the engine companies to draught their own water from a reservoir, wherever a suitable one can be found within a reasonable distance.

ART. 4. No company shall take possession of a hydrant or reservoir, unless their hose and apparatus for attaching to the same are at hand and ready for use. The company which shall be thus ready shall be entitled to such hydrant or reservoir; but, upon the order of an engineer, another company may attach a second line of hose from such hydrant or steamer, in case the same may be necessary, such company having first laid its hose, and being ready to attach the same.

ART. 5. In proceeding to, working at, or returning from fires, noisy demonstrations are strictly prohibited, and it is required of officers of companies to maintain perfect order and decorum in their respective commands during all such service.

ART. 6. No company, while returning from a fire, will be allowed to proceed faster than a walk, and it must at all times keep on the right of the street. Drivers are strictly enjoined, in proceeding to a fire, to use the utmost care and caution consistent with promptness. Racing between companies is forbidden under any circumstances. Any collision or casualty occurring to horses or apparatus will be considered a sufficient cause for the suspension of the driver in charge at the time.

ART. 7. No member of any company shall leave the city without first informing his foreman; no foreman or assistant engineer, without first notifying the chief engineer,—in each case the party so leaving providing a substitute.

ART. 8. In case of fire, the foreman first arriving shall be in command until the arrival of an engineer.

ART. 9. Any order issued by the chief or an assistant engineer shall be promptly obeyed.

RULES FOR DRIVERS.

The drivers shall be required to occupy sleeping apartments in the Central Station, each being allowed two nights off each week, from 9 o'clock P. M. to 6 o'clock A. M., upon particular nights to be designated by the steward.

They shall be at or near the station at all times, except when employed by the superintendent of streets or absent by permission of the steward or an engineer, and shall perform such duties as the steward or chief engineer may direct.

They shall groom and take proper and trusty care of their horses; shall keep the stables clean, and the harnesses and all things pertaining to their department in order; shall have the horses harnessed as directed, and not leave the station without everything in readiness for immediate service; shall exercise their horses when required by the steward or chief engineer, and practise care and economy in feeding and general management.

In case of fire, the drivers shall be subject to the orders of any engineer.

FIRE-ALARM TELEGRAPH.

For the purpose of uniformity in numbering the fire-alarm boxes, the city is divided into four districts, viz.,—

DISTRICT 1. Embraces that section of the city north and west of Washington street, box 17 of this division being located on the *south* side of the street.

DISTRICT 2. Embraces all between School and Washington streets.

DISTRICT 3. Embraces all between Pleasant and School streets.

DISTRICT 4. Embraces all south of Pleasant street.

The first figure of the box-number will indicate the district

LOCATION OF THE FIRE-ALARM BOXES.

DISTRICT No. 1.

14. Main and Penacook. Keys at L. A. Walker's, Penacook and North State; V. C. Hastings's, 155 North Main.

15. Main and Church. Keys at Larkin's store, 256 North Main; Mark R. Holt's, 209 North Main; George F. Kelley's, 258 North Main; Horse Railroad stables, Fosterville.

16. Franklin and Jackson. Keys at James Tucker's, 43 Franklin; Charles T. Huntoon's, 47 Franklin; John H. Stewart's, 125 North Main.

17. Alert Hose-House. Keys at William S. Davis's, 25 Washington; Charles C. Hill's, 46 Washington.

18. Currier & Sleeper's store. Keys at Currier & Sleeper's store, 84 Washington; E. D. Clough's house, 82 Rumford; G. S. Kellom's, 90 Washington.

DISTRICT No. 2.

23. Main and Chapel. Keys at W. P. Ford & Co.'s store, 165 North Main; Dr. B. S. Warren's, 163 North Main; H. A. Roby's, 7 Summer.

24. Main and Centre. Keys at Brown & Otis's stable, 129 North Main; American House, 121 North Main; Porter's shoe factory, Bridge street.

25. Main and School. Keys at Willard & Co.'s store, 79 North Main; Eagle hotel, 108-112 North Main; Phenix hotel, 44-46 North Main; Northern Railroad machine-shop office, and in hands of two watchmen.

26. Centre and Union. Keys at Charles S. Danforth's, 3 Union; Fred S. Johnson's, 28 Centre.

27. School and Merrimack. Keys at Geo. E. Jenks's, 76 School; W. Perley Underhill's, 36 Merrimack.

DISTRICT NO. 3.

32. Warren and Pine. Keys at Obadiah Morrill's, 110 Warren; Geo. F. Sewall's, 112 Warren.

34. Central Fire Station. Keys at Central Fire Station, Warren.

35. Main and Pleasant. Keys at Elm House, 2 North Main; J. F. Hoit & Co.'s store, 1 North Main; B. B. Davis's, Masonic Temple; Norris & Crockett's bakery, 18 South Main.

36. Pleasant and Spring. Keys at John Baker's, 1 North Spring; H. B. Foster's, 53 Pleasant.

DISTRICT NO. 4.

41. South and Fulton. Keys at Fred A. Landers's, 22 South; Warren M. Colby's, 23 South; Rev. J. K. Ewer's, 24 South.

42. Good-Will Hose-House. Keys at Henry W. Clapp's, 38 South State; F. H. Upton's store, 47 South State; S. P. Danforth's, 40 South State; W. R. Carter's, 42 South State.

43. Main and Fayette. Keys at Ford & Kimball's office, 29 South Main; Mrs. J. S. Abbot's, 24 South Main; L. A. Smith's, 23 South Main.

45. Hoit's store. Keys at Concord Gas-Works, 2 Water; L. B. Hoit & Co.'s store, 105 South Main; Samuel Gage's, 94 South Main; Holt Brothers' office, 13 Turnpike.

46. Perley and Grove. Keys at Herman G. Webster's, 25 Grove; Wm. E. Morton's, 19 Grove.

47. South and Downing. Keys at A. B. Fellows's, 75 South; Geo. Williams's, 75 South.

PRIVATE BOXES.

5. Concord Railroad, north end passenger station. Keys at Concord Railroad ticket-office, machine-shop office, and paint-shop, train-despatch office, baggage-room, and in the hands of four watchmen

6. The Abbot-Downing Co. Keys at Abbot-Downing Co.'s office, 80 South Main.

7. New Hampshire Insane Asylum. Keys at New Hampshire Insane Asylum.

Keys are also in the hands of the following persons :

Chief-Engineer Newhall and Assistants Merrill, Tucker, and Lovejoy.

Ex-Engineers Hill, Lauder, Ladd, Lovejoy, and Burleigh.

Steward Richardson, Assistant Steward Wingate, and teamsters Robinson, Thomas, Mercer, and Minot, at Central Station.

City Marshal Connell, and officers Rand, Jones, Hammond, Lane, and R. P. Sanborn.

James H. Sanders, engineer Kearsarge; C. H. Sanders, engineer Gov. Hill; William Rowell, street lighter.

John H. Toof, Charles A. Davis, J. W. Sleeper, DeW. C. Everett, C. Leroy Gilmore, L. H. Carroll, J. H. Rowell, S. M. Griffin, B. Frank Hardy, Frank W. Blake, Frank D. Owen; and George F. Page, Charles T. Page, and J. P. Jewell, Page Belting Co.

FIRE-ALARM SIGNALS.

1. Alarms rung in from boxes 41, 42, 43, 45, and 46, will *not* be responded to by the Alert Hose until signalled. The signal to proceed to the fire will be a second alarm; the signal of dismissal, *three strokes* of the bells.

2. Alarms rung in from boxes 15, 16, 17, 18, and 23, will *not* be responded to by Good-Will Hose until signalled. They will be governed by the same signals as the Alert Hose.

3. *Eleven consecutive strokes* of the bells, following any regular box-alarm, or during any fire, is a call for the relief steamer (Gov. Hill), and will be responded to by Eagle Hose, which has that

steamer in charge. The relief steamer will, however, respond to the *first alarm* from box 7 (N. H. Asylum for Insane) without special call.

4. *Two rounds of each eleven strokes* of the bells, with an intermission of one minute between the rounds, without any regular box-alarm, will signalize the requirement of a steamer from outside the Precinct, and will be responded to by Kearsarge and Eagle Hose companies alone. In case further aid is necessary, the box-alarm from 34 (Central Station) will follow.

(These rounds of eleven strokes, which are signals for the relief steamer, or a call from out of town, must not be confounded with an alarm from private boxes 5, 6, or 7.)

From the above, it will be seen that the companies are subject to calls as follows :

Steamer Kearsarge and Hose—To all calls except the relief steamer.

Eagle Hose—To all calls, including the relief.

Hook and Ladder—To box-alarms only.

Alert Hose—To box-alarms only above Pleasant street, and upon second alarm to boxes below.

Good-Will Hose—To box-alarms only below Centre street, and upon second alarm, to boxes above.

TESTING SIGNALS.

For the purpose of testing the condition and accuracy of the fire-alarm telegraph, a box-alarm will be rung in every Monday afternoon at 4 : 30 o'clock, *precisely*. It will be *one single round only*, indicating by the strokes on the bells the number of the box ; and the box will then be cut out, and no additional round sounded. The boxes used for this purpose will vary each week, alternating in the circuits.

Upon each other week-day a single blow upon the bells will be struck from the button of a box, alternating as before mentioned.

THE FIRE-ALARM TELEGRAPH

Is the "Gamewell" patent. It embraces twelve miles of wires on the main lines, and seven miles of extension wires for call-bells.

On the main line are twenty fire-alarm boxes belonging to the city, and three private boxes,—in all, twenty-three. There are three alarm bells,—two of 2000 pounds each (American steel), and one of 1000 pounds (bell metal), with a tower striker to each. There are also one engine-house gong, four mechanical tappers, one repeater, and three indicators.

On the extension line are nineteen call-bells.

The battery consists of eighty cups for the main line, and five cups for the extension.

The alarm was put up in 1880 by Edwin Rogers, 27 Federal street, Boston, Mass.

PUBLIC RESERVOIRS.

	Capacity—Cubic feet.
1. Main street, opposite Abbot-Downing Co.'s, . . .	1,000
2. " near Thorndike street,* . . .	1,500
3. " front B. A. Kimball's, . . .	1,000
4. " corner of Pleasant street,* . . .	1,500
5. " middle front state-house yard, . . .	1,500
6. " rear city hall, . . .	2,000
7. State street, corner of Washington street,* . . .	2,000
8. Rumford street, near Josiah Minot's, . . .	1,000
9. Orchard street, corner of Pine street,* . . .	4,000
10. School street, corner of Summit street,* . . .	3,500
11. Centre street, corner of Union street, . . .	1,100
12. Gas-holder, rear of Main street,* . . .	44,000
13. Franklin street, corner of Lyndon street,* . . .	1,500

* Brick cemented.

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